

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071625\  
 Data File : BF143131.D  
 Acq On : 17 Jul 2025 02:34  
 Operator : RC/JU  
 Sample : Q2571-05MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-17MS

Quant Time: Jul 17 03:48:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 15 17:53:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.969  | 152  | 153802   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.251  | 136  | 579798   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.004 | 164  | 274749   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 404136   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.133 | 240  | 268901   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.639 | 264  | 324370   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.598  | 112  | 800697   | 82.252 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.587  | 99   | 1041030  | 85.076 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.522  | 82   | 665365   | 64.377 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.792 | 330  | 199903   | 81.600 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.322  | 172  | 1113827  | 53.889 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.069 | 244  | 773093   | 42.027 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.899  | 88   | 164158   | 33.876 | ng    | 100      |
| 3) Pyridine                   | 3.652  | 79   | 440739   | 35.918 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.593  | 42   | 258611   | 40.678 | ng    | 99       |
| 6) Aniline                    | 6.628  | 93   | 403703   | 23.428 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.751  | 128  | 411125   | 42.035 | ng    | 99       |
| 9) Benzaldehyde               | 6.516  | 77   | 302020   | 32.392 | ng    | 98       |
| 10) Phenol                    | 6.604  | 94   | 548921   | 41.438 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.698  | 93   | 407895   | 39.775 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.910  | 146  | 437751   | 39.617 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.987  | 146  | 437809   | 39.384 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.140  | 146  | 422845   | 39.888 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.098  | 79   | 380836   | 42.003 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240  | 45   | 753677   | 39.869 | ng    | 99       |
| 17) 2-Methylphenol            | 7.210  | 107  | 345099   | 40.887 | ng    | 99       |
| 18) Hexachloroethane          | 7.487  | 117  | 151457   | 41.852 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 302780   | 40.389 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.363  | 107  | 424295   | 40.991 | ng    | 97       |
| 22) Acetophenone              | 7.369  | 105  | 562591   | 40.253 | ng    | # 93     |
| 24) Nitrobenzene              | 7.545  | 77   | 444251   | 44.525 | ng    | 98       |
| 25) Isophorone                | 7.781  | 82   | 835156   | 41.806 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.863  | 139  | 180511   | 45.496 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.892  | 122  | 382507   | 41.254 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.992  | 93   | 506341   | 41.798 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.098  | 162  | 321458   | 42.379 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.187  | 180  | 350435   | 40.708 | ng    | 98       |
| 31) Naphthalene               | 8.269  | 128  | 1165944  | 40.495 | ng    | 100      |
| 32) Benzoic acid              | 7.892  | 122  | 382507   | 78.068 | ng    | # 13     |
| 33) 4-Chloroaniline           | 8.310  | 127  | 147433   | 12.734 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.392  | 225  | 217703   | 42.286 | ng    | 100      |
| 35) Caprolactam               | 8.663  | 113  | 93345    | 39.408 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.786  | 107  | 353459   | 41.831 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.963  | 142  | 697441   | 40.605 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.063  | 142  | 718769   | 40.346 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.128  | 216  | 337867   | 42.197 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.122  | 237  | 308813   | 69.565 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.234  | 196  | 208024   | 41.813 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071625\  
 Data File : BF143131.D  
 Acq On : 17 Jul 2025 02:34  
 Operator : RC/JU  
 Sample : Q2571-05MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

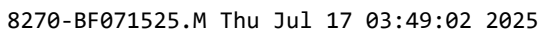
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-17MS

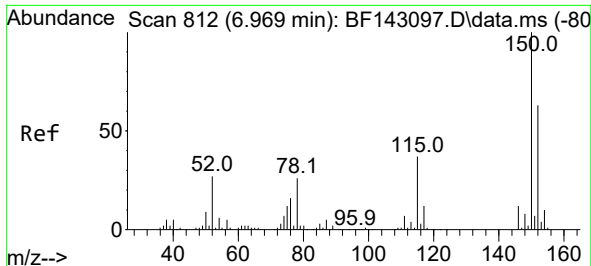
Quant Time: Jul 17 03:48:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 15 17:53:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.275  | 196  | 224311   | 42.999 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.422  | 154  | 918974   | 41.942 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.451  | 162  | 671890   | 41.742 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.534  | 65   | 214232   | 44.804 | ng    | 99       |
| 49) Acenaphthylene            | 9.869  | 152  | 1110952  | 41.420 | ng    | 100      |
| 50) Dimethylphthalate         | 9.722  | 163  | 758469   | 43.880 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.781  | 165  | 155746   | 45.740 | ng    | 89       |
| 52) Acenaphthene              | 10.039 | 154  | 622567   | 39.334 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.945  | 138  | 128666   | 34.449 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 10.045 | 184  | 3818     | 8.800  | ng    | # 1      |
| 55) Dibenzofuran              | 10.210 | 168  | 954263   | 40.449 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.092 | 139  | 205928   | 69.375 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.181 | 165  | 190989   | 45.006 | ng    | 98       |
| 58) Fluorene                  | 10.551 | 166  | 698855   | 39.512 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232  | 125120   | 30.182 | ng    | 99       |
| 60) Diethylphthalate          | 10.422 | 149  | 726438   | 43.562 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204  | 346653   | 40.891 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.557 | 138  | 138893   | 42.763 | ng    | 99       |
| 63) Azobenzene                | 10.704 | 77   | 822670   | 44.607 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198  | 5912     | 9.550  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.657 | 169  | 629474   | 44.342 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248  | 203399   | 44.257 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.104 | 284  | 207516   | 42.555 | ng    | 98       |
| 69) Atrazine                  | 11.180 | 200  | 174175   | 47.957 | ng    | 99       |
| 70) Pentachlorophenol         | 11.292 | 266  | 63118    | 23.592 | ng    | 99       |
| 71) Phenanthrene              | 11.516 | 178  | 883304   | 40.499 | ng    | 99       |
| 72) Anthracene                | 11.569 | 178  | 901465   | 41.101 | ng    | 100      |
| 73) Carbazole                 | 11.716 | 167  | 801614   | 40.796 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.051 | 149  | 888295   | 49.250 | ng    | 100      |
| 75) Fluoranthene              | 12.704 | 202  | 811244   | 40.906 | ng    | 99       |
| 77) Benzidine                 | 12.816 | 184  | 199220   | 21.746 | ng    | 99       |
| 78) Pyrene                    | 12.933 | 202  | 818482   | 32.805 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.545 | 149  | 236112   | 47.168 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.121 | 228  | 767144   | 42.813 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.074 | 252  | 127120   | 24.430 | ng    | 100      |
| 83) Chrysene                  | 14.157 | 228  | 687824   | 41.678 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149  | 363289   | 48.051 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.727 | 149  | 705195   | 49.122 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.180 | 276  | 837824   | 34.728 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.192 | 252  | 883083   | 47.198 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.221 | 252  | 697281   | 39.064 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.574 | 252  | 780700   | 44.118 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.198 | 278  | 676587   | 34.307 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.645 | 276  | 646206   | 32.139 | ng    | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jul 17 03:48:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 15 17:53:25 2025  
Response via : Initial Calibration

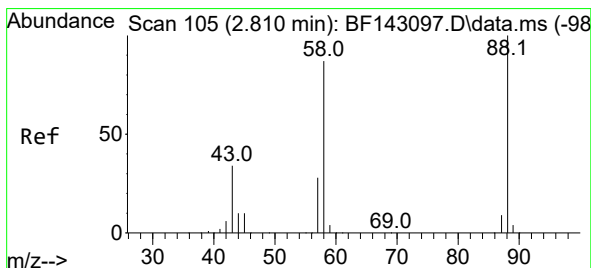
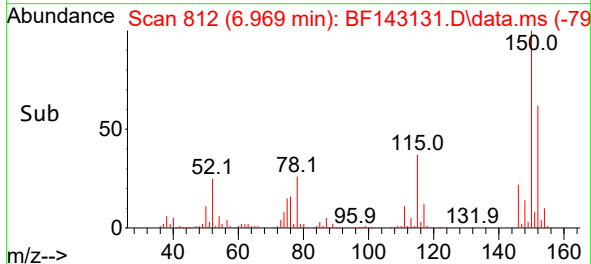
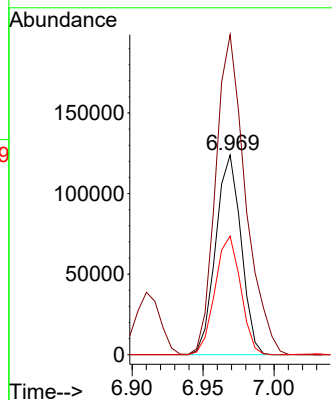
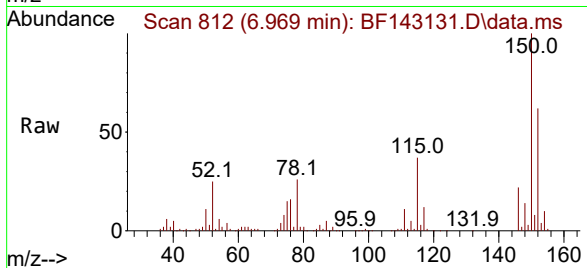




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.969 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

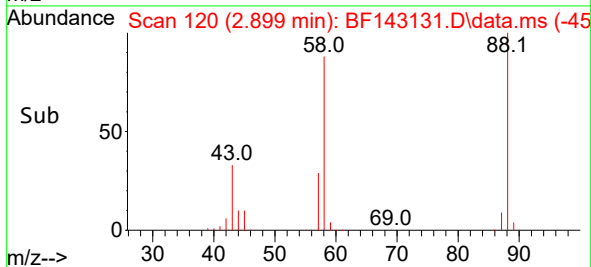
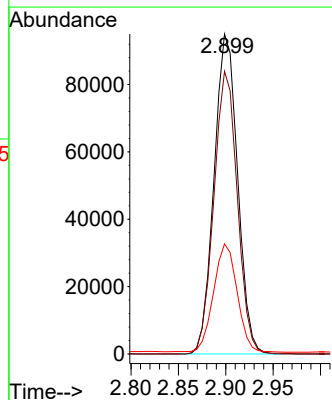
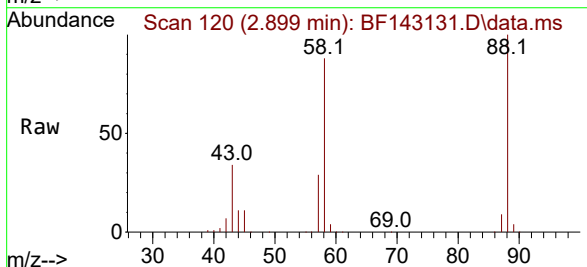
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

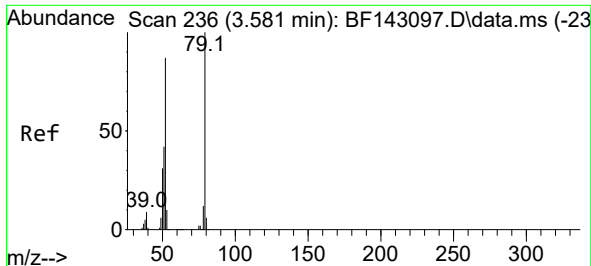
Tgt Ion:152 Resp: 153802  
Ion Ratio Lower Upper  
152 100  
150 160.2 126.5 189.7  
115 59.4 47.0 70.6



#2  
1,4-Dioxane  
Concen: 33.876 ng  
RT: 2.899 min Scan# 120  
Delta R.T. 0.088 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 88 Resp: 164158  
Ion Ratio Lower Upper  
88 100  
58 88.3 70.5 105.7  
43 34.2 27.3 40.9

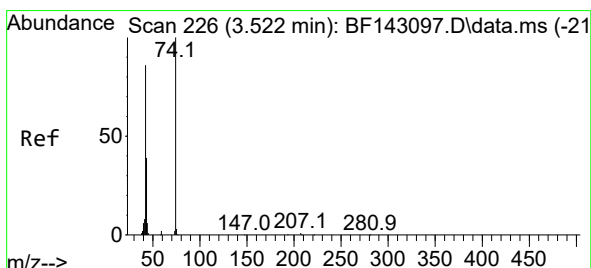
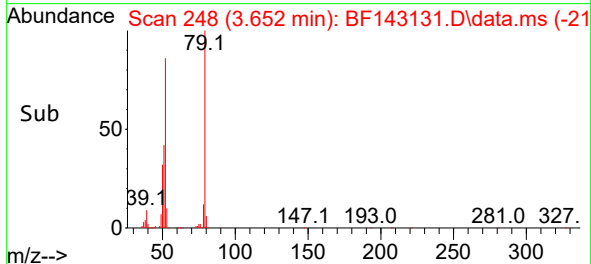
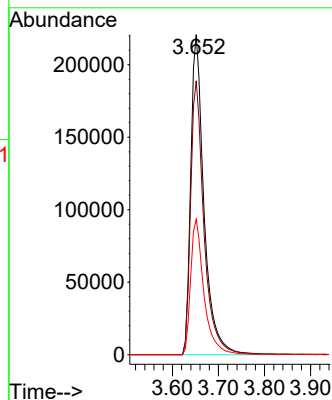
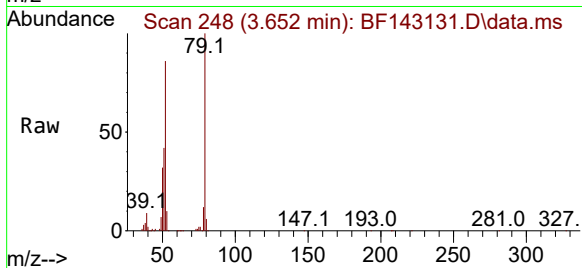




#3  
Pyridine  
Concen: 35.918 ng  
RT: 3.652 min Scan# 24  
Delta R.T. 0.071 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

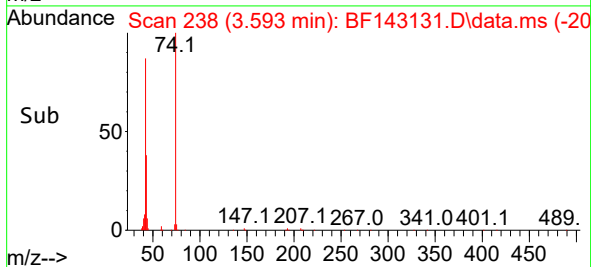
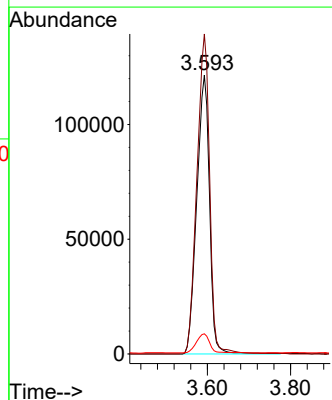
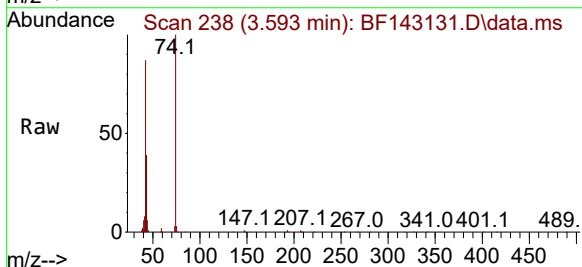
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

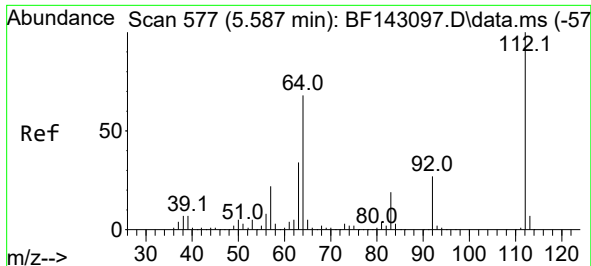
Tgt Ion: 79 Resp: 440739  
Ion Ratio Lower Upper  
79 100  
52 85.6 69.2 103.8  
51 42.3 33.3 49.9



#4  
n-Nitrosodimethylamine  
Concen: 40.678 ng  
RT: 3.593 min Scan# 238  
Delta R.T. 0.071 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 42 Resp: 258611  
Ion Ratio Lower Upper  
42 100  
74 114.7 92.8 139.2  
44 7.2 5.8 8.6

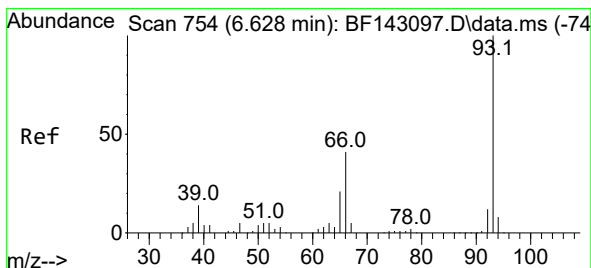
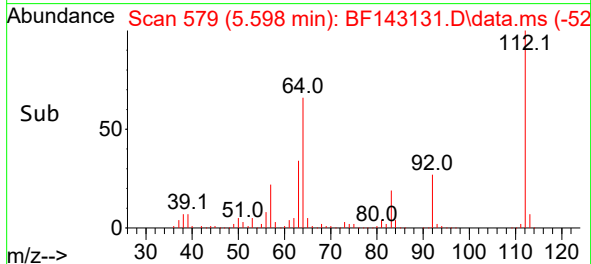
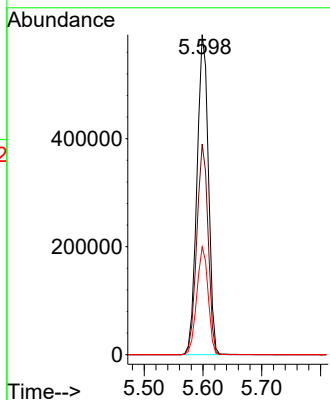
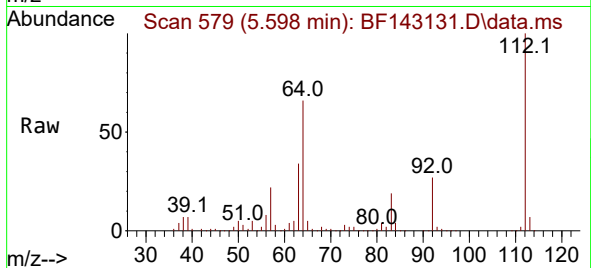




#5  
2-Fluorophenol  
Concen: 82.252 ng  
RT: 5.598 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

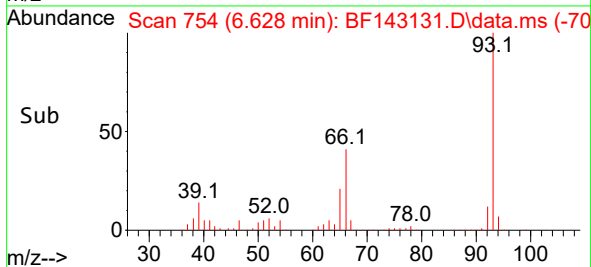
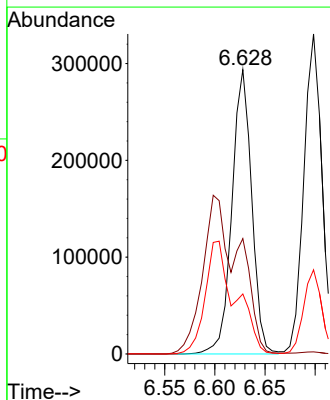
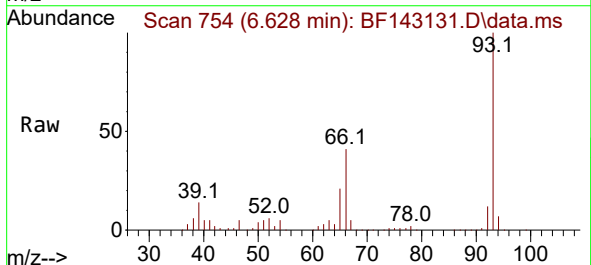
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

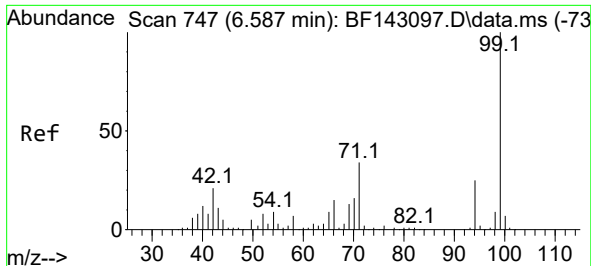
Tgt Ion:112 Resp: 800697  
Ion Ratio Lower Upper  
112 100  
64 65.8 54.6 82.0  
63 33.7 27.3 40.9



#6  
Aniline  
Concen: 23.428 ng  
RT: 6.628 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 93 Resp: 403703  
Ion Ratio Lower Upper  
93 100  
66 40.6 33.1 49.7  
65 21.1 16.9 25.3

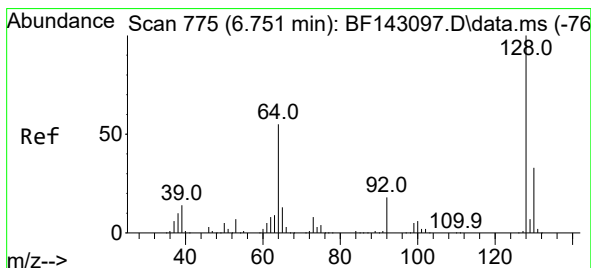
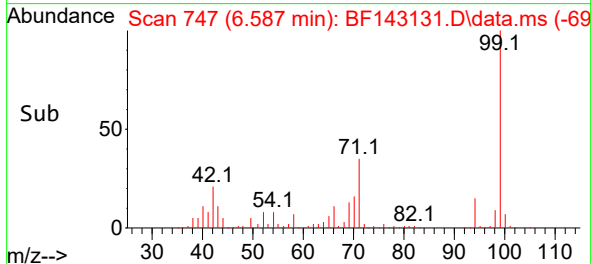
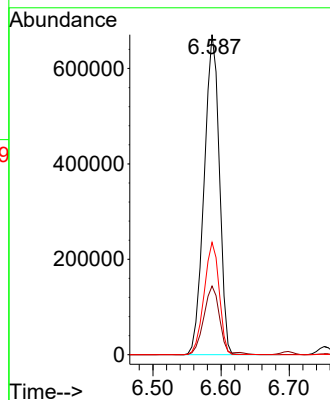
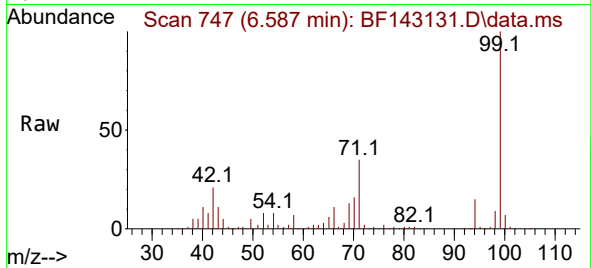




#7  
Phenol-d6  
Concen: 85.076 ng  
RT: 6.587 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

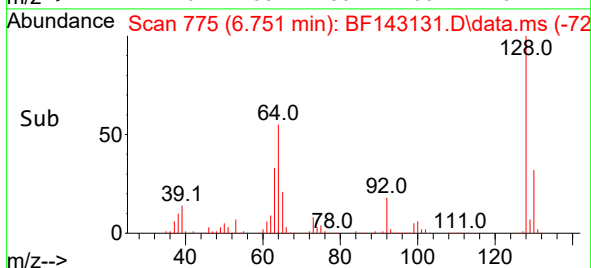
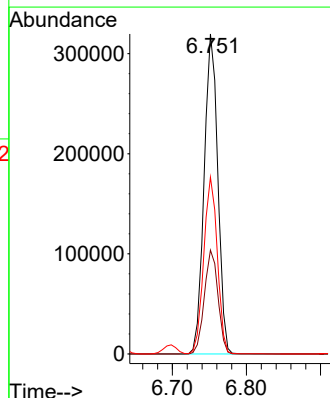
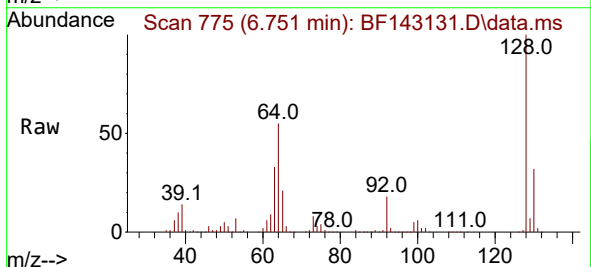
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

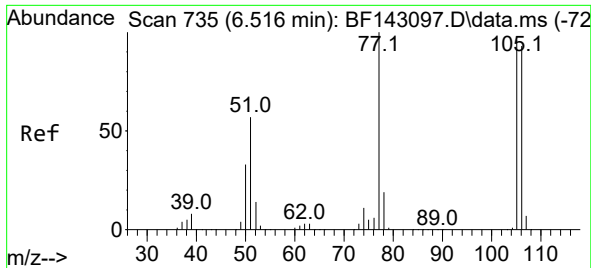
Tgt Ion: 99 Resp: 1041030  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.2 25.8  
71 35.1 27.4 41.0



#8  
2-Chlorophenol  
Concen: 42.035 ng  
RT: 6.751 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:128 Resp: 411125  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.8 52.8  
64 55.3 36.1 76.1

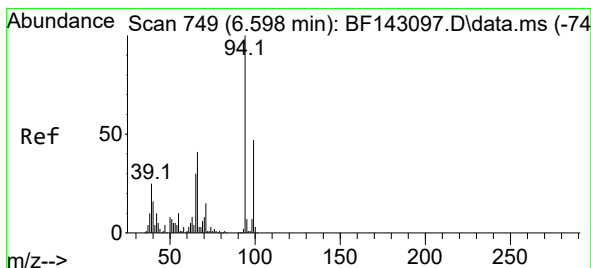
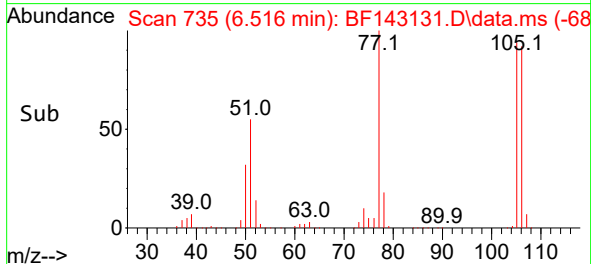
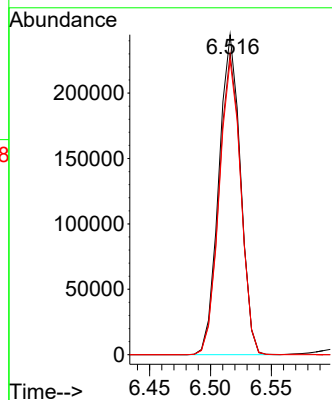
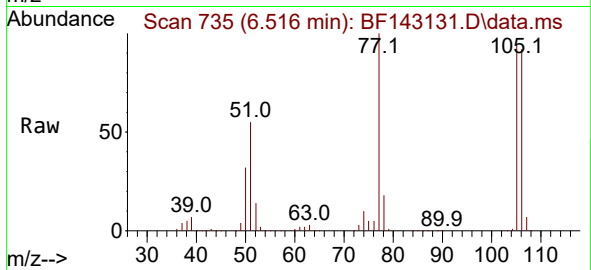




#9  
Benzaldehyde  
Concen: 32.392 ng  
RT: 6.516 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

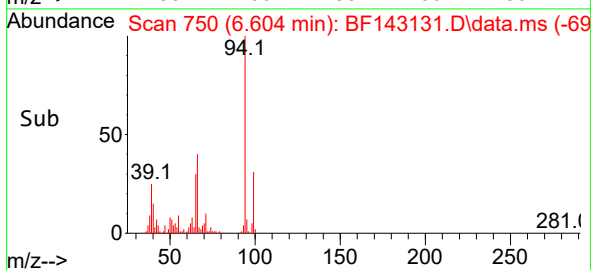
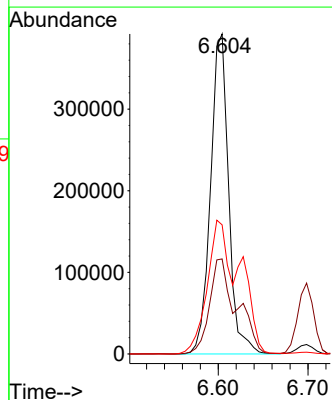
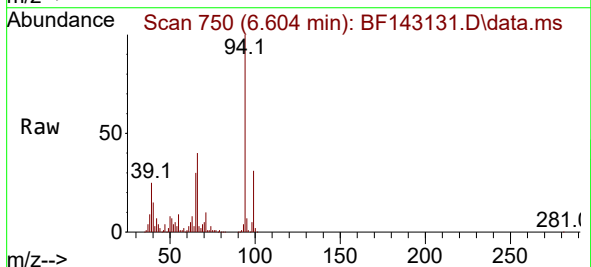
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

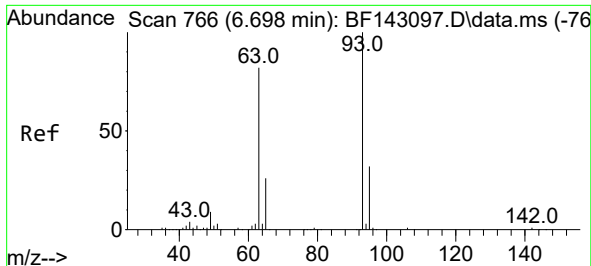
Tgt Ion: 77 Resp: 302020  
Ion Ratio Lower Upper  
77 100  
105 94.1 76.3 116.3  
106 92.0 72.8 112.8



#10  
Phenol  
Concen: 41.438 ng  
RT: 6.604 min Scan# 750  
Delta R.T. 0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 94 Resp: 548921  
Ion Ratio Lower Upper  
94 100  
65 29.7 9.8 49.8  
66 40.4 20.5 60.5

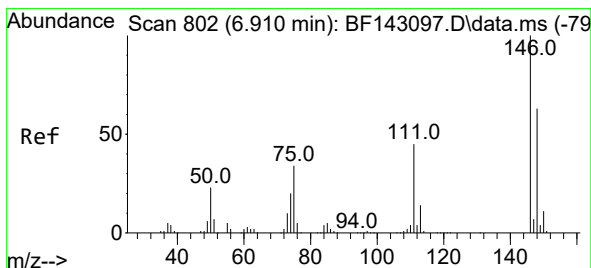
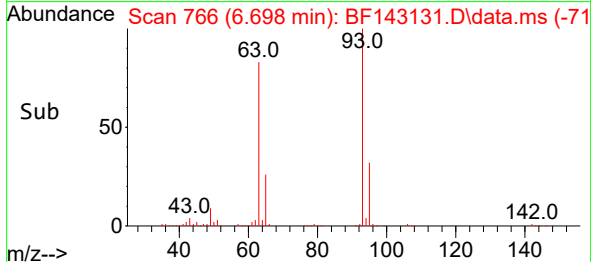
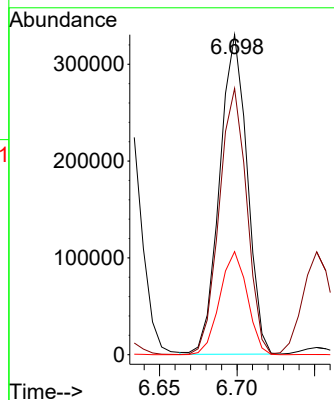
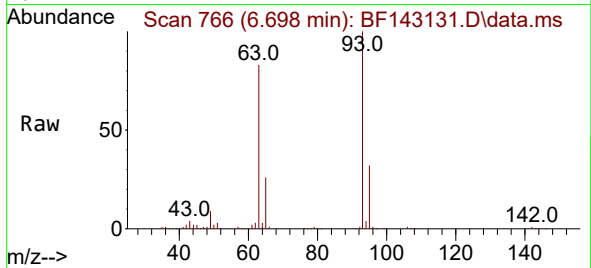




#11  
bis(2-Chloroethyl)ether  
Concen: 39.775 ng  
RT: 6.698 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

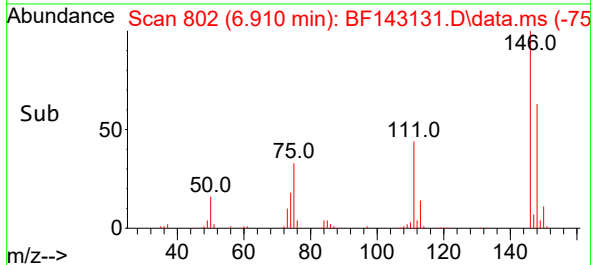
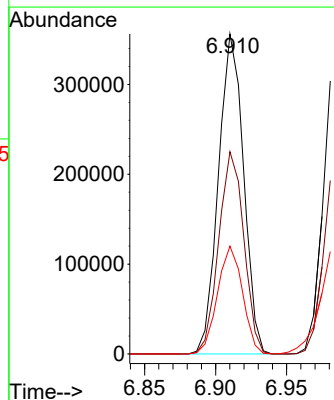
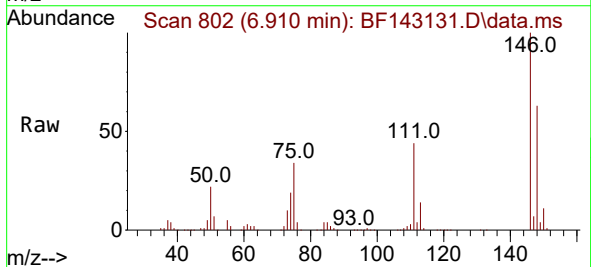
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

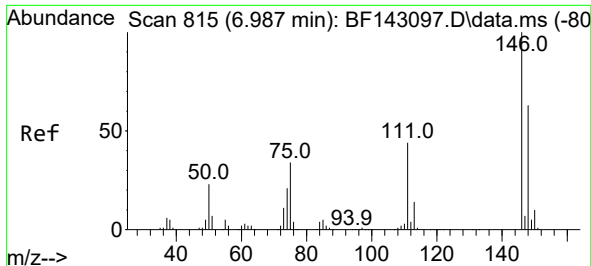
Tgt Ion: 93 Resp: 407895  
Ion Ratio Lower Upper  
93 100  
63 83.2 61.9 101.9  
95 32.2 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 39.617 ng  
RT: 6.910 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 146 Resp: 437751  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.1 75.1  
75 33.7 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 39.384 ng

RT: 6.987 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

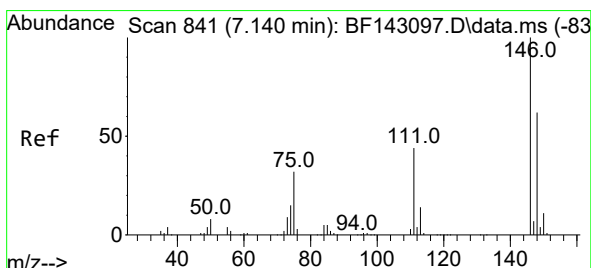
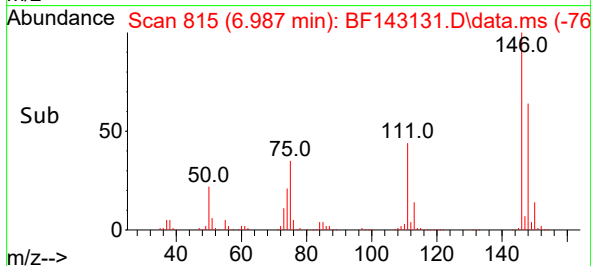
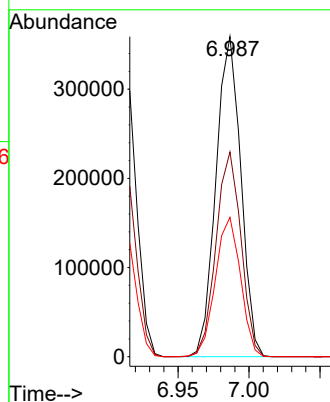
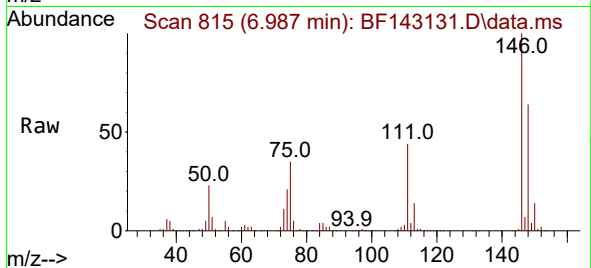
Tgt Ion:146 Resp: 437809

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

111 43.6 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 39.888 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

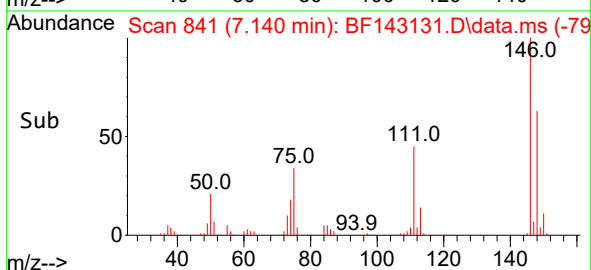
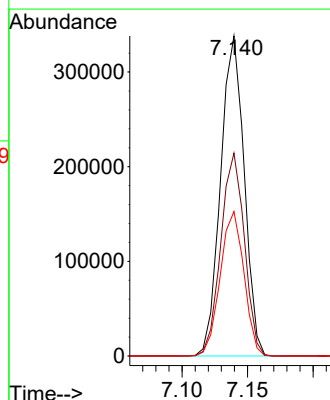
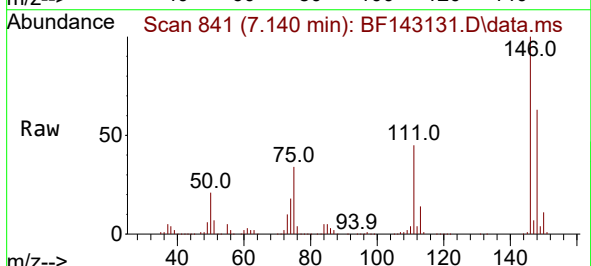
Tgt Ion:146 Resp: 422845

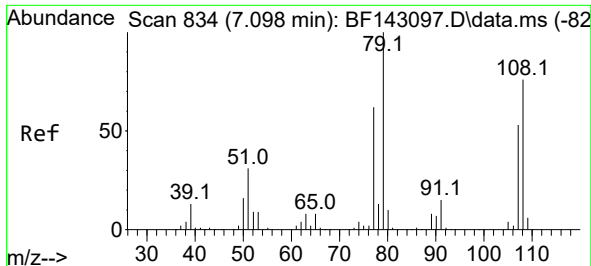
Ion Ratio Lower Upper

146 100

148 63.4 49.8 74.6

111 45.1 35.4 53.0

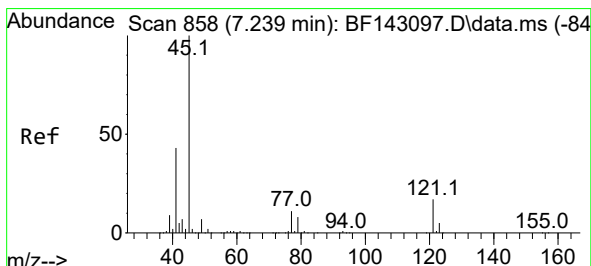
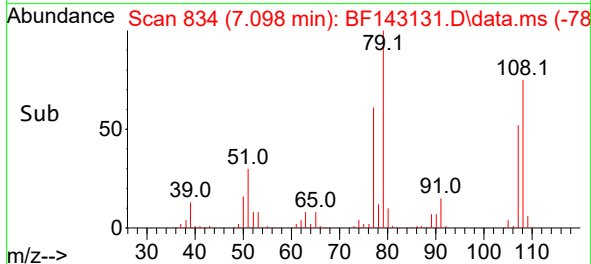
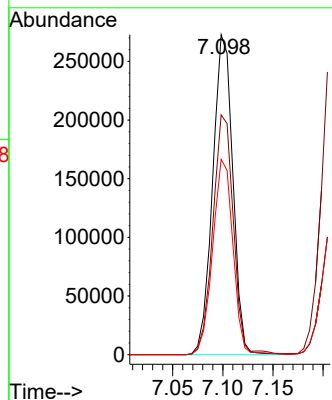
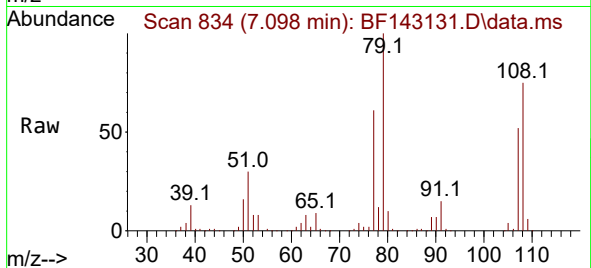




#15  
Benzyl Alcohol  
Concen: 42.003 ng  
RT: 7.098 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

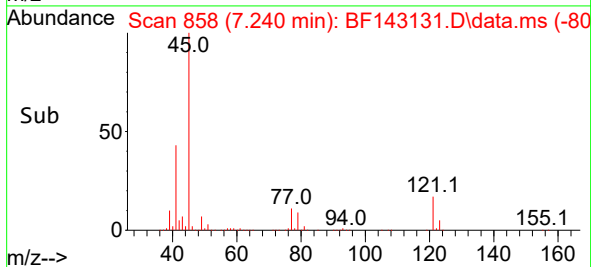
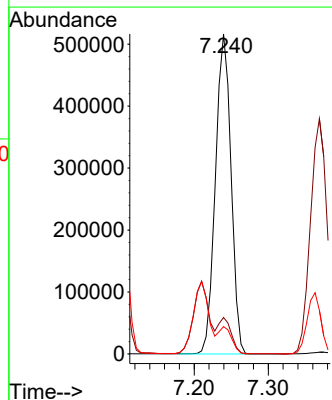
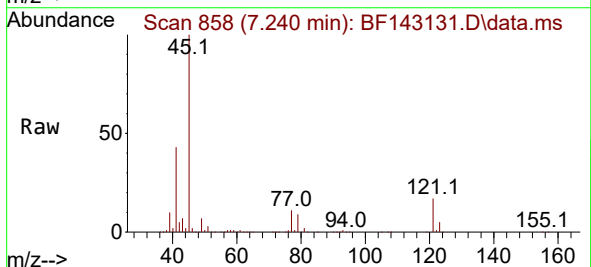
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

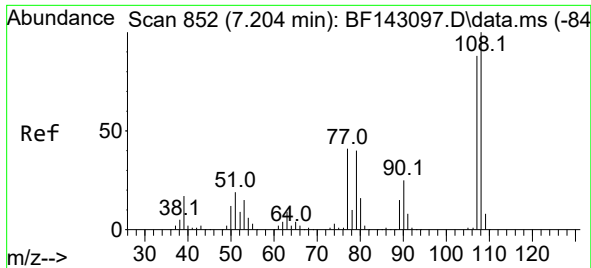
Tgt Ion: 79 Resp: 380836  
Ion Ratio Lower Upper  
79 100  
108 74.9 61.1 91.7  
77 61.1 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.869 ng  
RT: 7.240 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 45 Resp: 753677  
Ion Ratio Lower Upper  
45 100  
77 11.4 0.0 31.1  
79 8.6 0.0 28.4

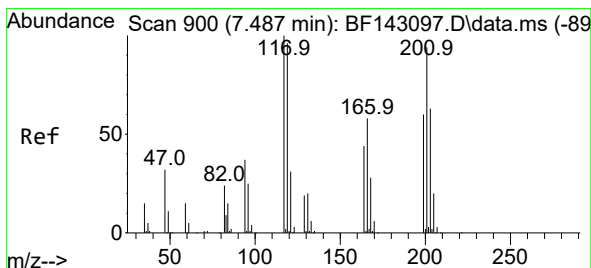
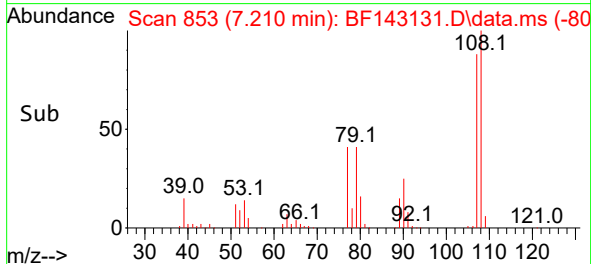
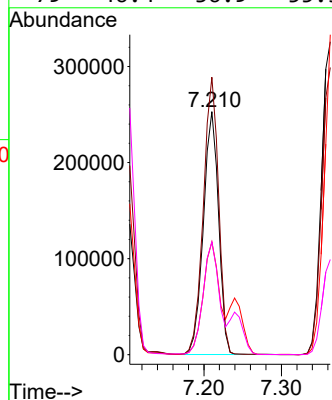
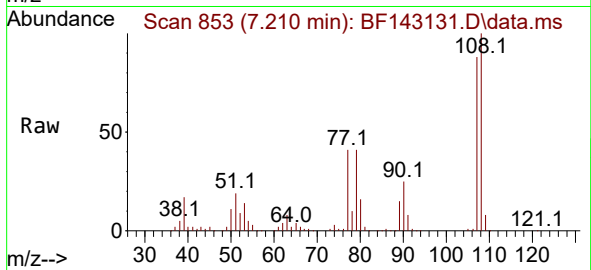




#17  
2-Methylphenol  
Concen: 40.887 ng  
RT: 7.210 min Scan# 852  
Delta R.T. 0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

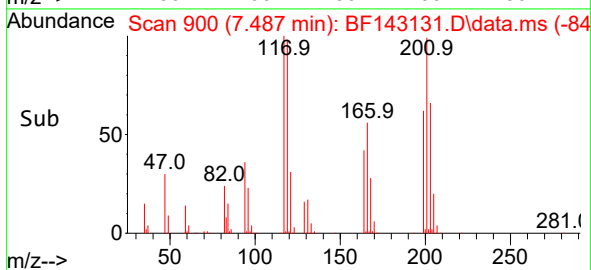
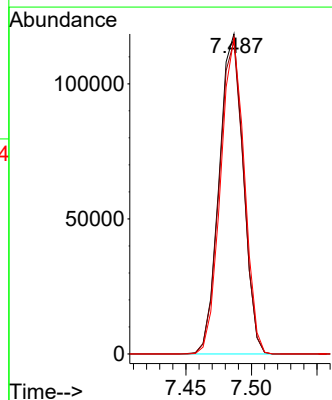
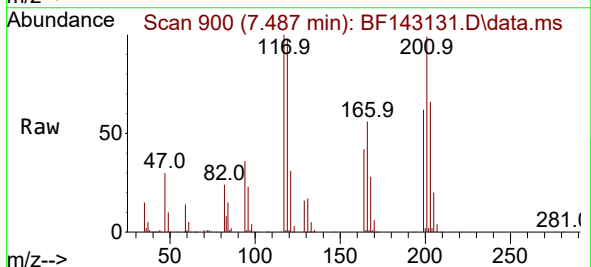
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

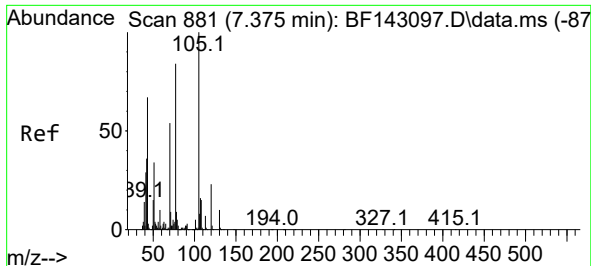
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 345099 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.1 | 90.9  | 136.3  |
| 77       | 46.4  | 37.5  | 56.3   |
| 79       | 46.4  | 36.9  | 55.3   |



#18  
Hexachloroethane  
Concen: 41.852 ng  
RT: 7.487 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 151457 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.7  | 76.7  | 115.1  |
| 201      | 98.8  | 75.0  | 112.4  |



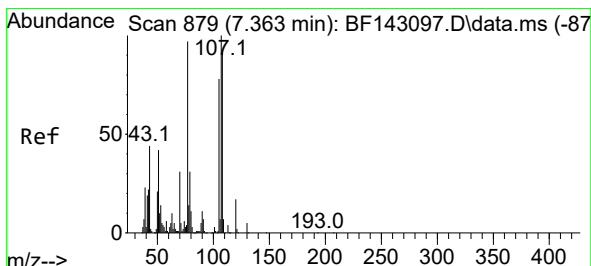
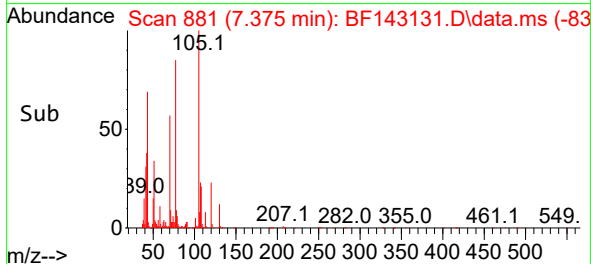
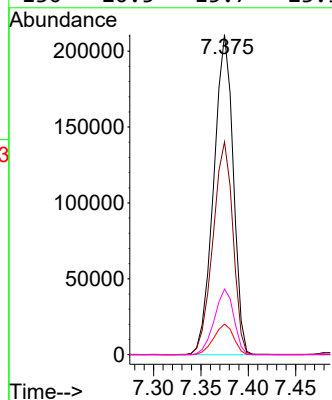
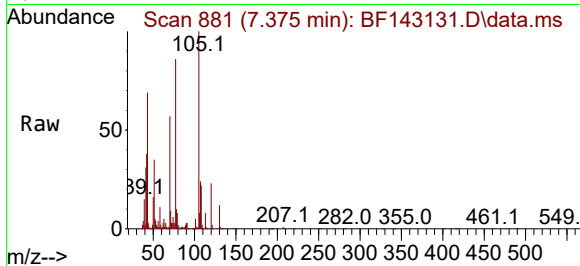


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.389 ng  
RT: 7.375 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

Tgt Ion: 70 Resp: 302780

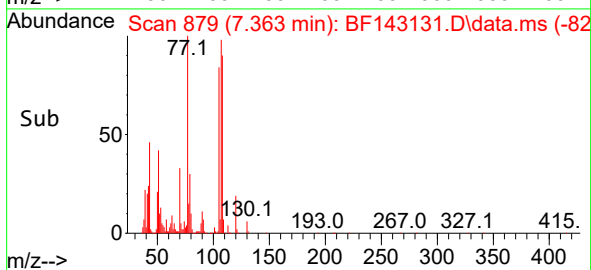
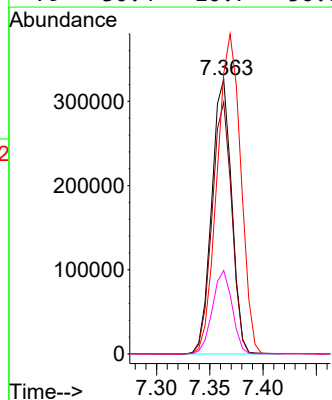
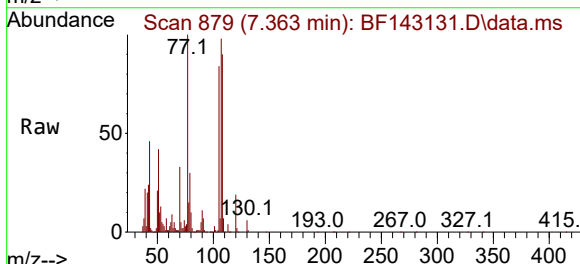
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 66.5  | 53.2  | 79.8  |
| 101 | 9.5   | 7.5   | 11.3  |
| 130 | 20.5  | 15.7  | 23.5  |

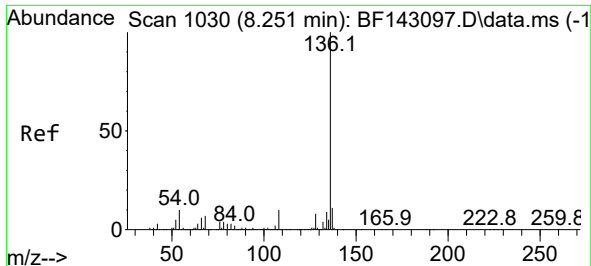


#20  
3+4-Methylphenols  
Concen: 40.991 ng  
RT: 7.363 min Scan# 879  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 107 Resp: 424295

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.8  | 71.3  | 111.3 |
| 77  | 102.2 | 77.2  | 117.2 |
| 79  | 30.4  | 10.7  | 50.7  |

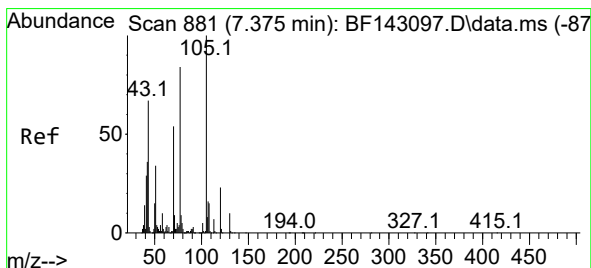
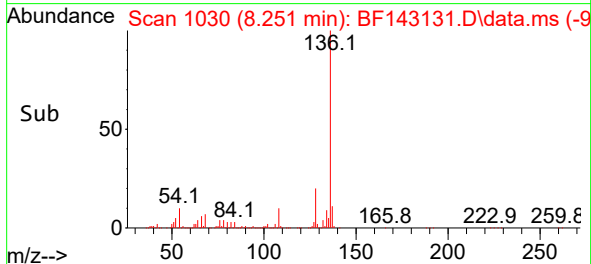
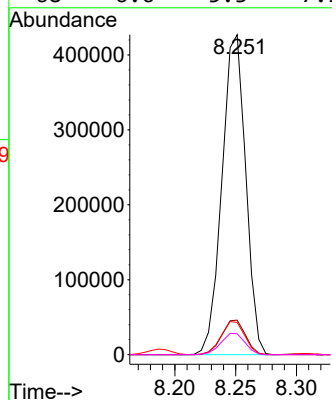
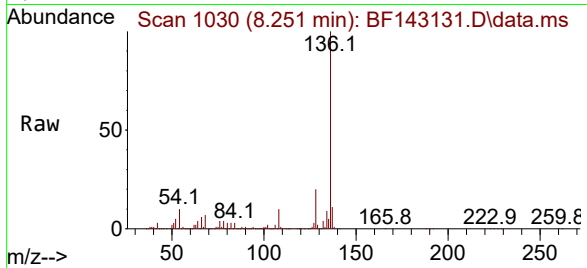




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.251 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

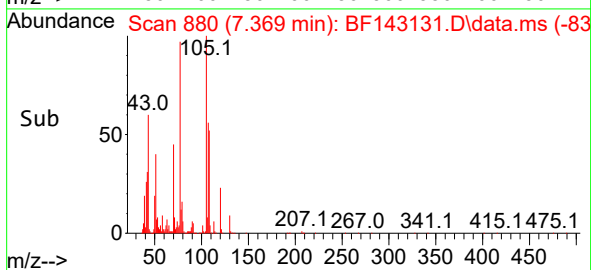
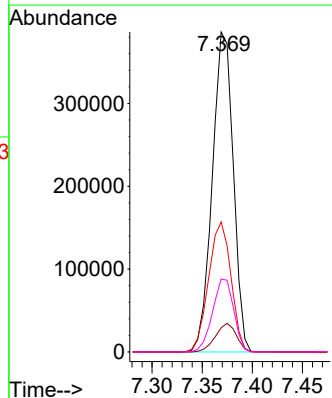
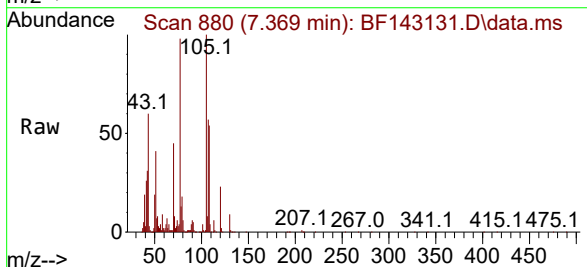
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

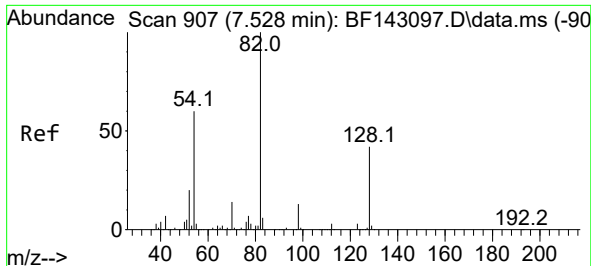
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 579798 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 8.9   | 13.3   |
| 54        | 10.1  | 8.3   | 12.5   |
| 68        | 6.6   | 5.3   | 7.9    |



#22  
Acetophenone  
Concen: 40.253 ng  
RT: 7.369 min Scan# 880  
Delta R.T. -0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 562591 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 7.5   | 7.2   | 10.8   |
| 51        | 40.6  | 27.0  | 40.4   |
| 120       | 22.8  | 18.2  | 27.2   |





#23

Nitrobenzene-d5

Concen: 64.377 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

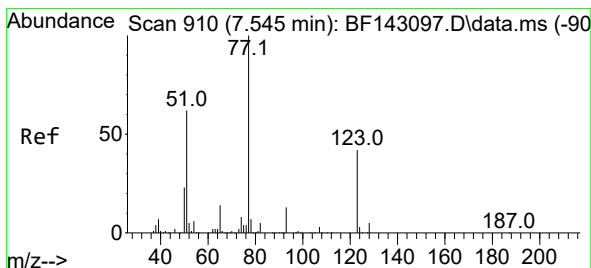
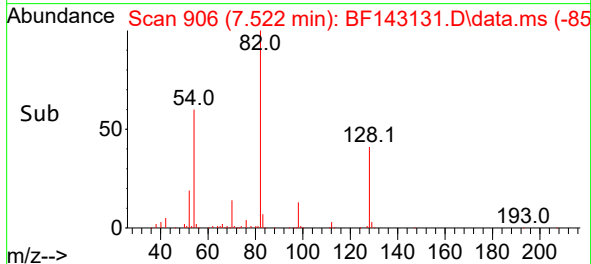
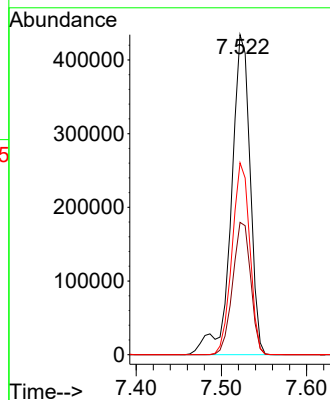
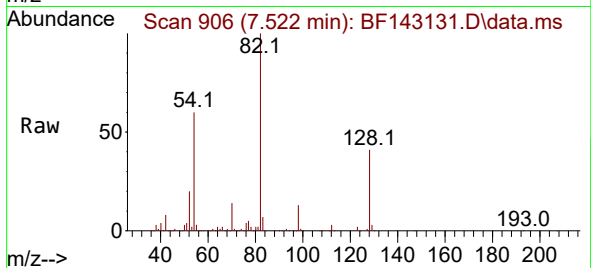
Tgt Ion: 82 Resp: 665365

Ion Ratio Lower Upper

82 100

128 41.3 33.3 49.9

54 59.9 47.4 71.2



#24

Nitrobenzene

Concen: 44.525 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

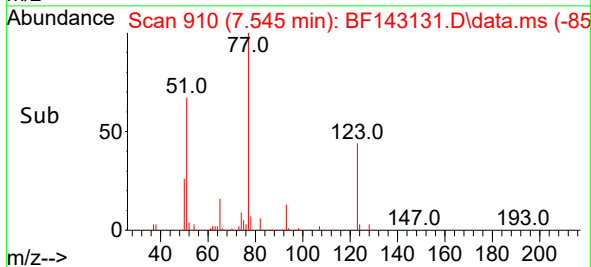
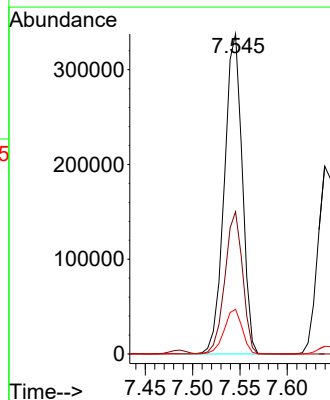
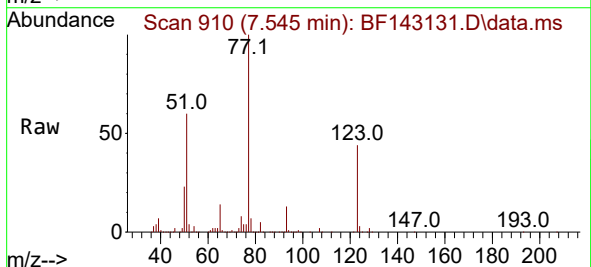
Tgt Ion: 77 Resp: 444251

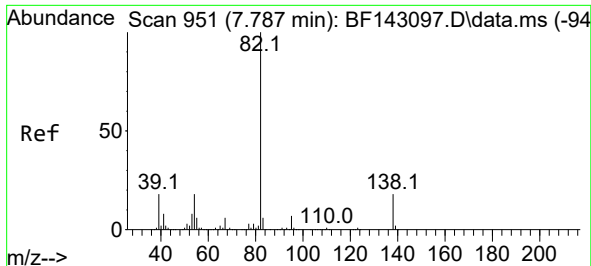
Ion Ratio Lower Upper

77 100

123 44.4 34.5 51.7

65 14.0 11.3 16.9

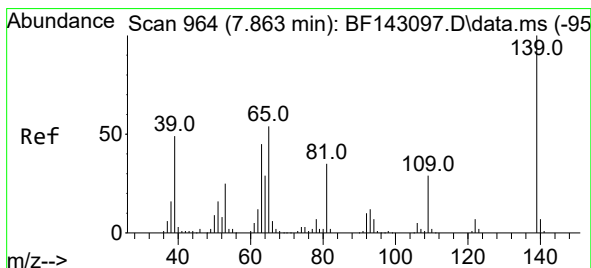
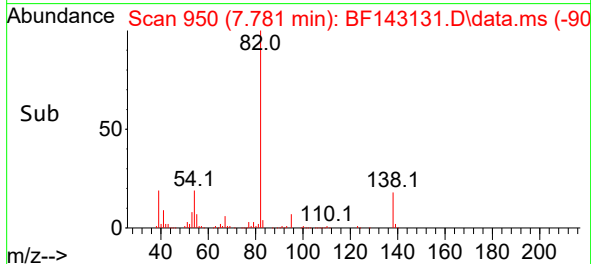
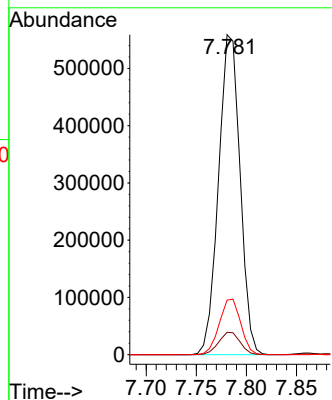
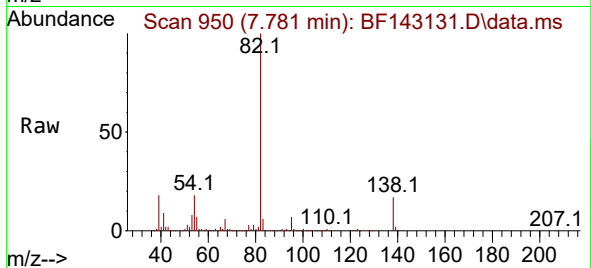




#25  
Isophorone  
Concen: 41.806 ng  
RT: 7.781 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

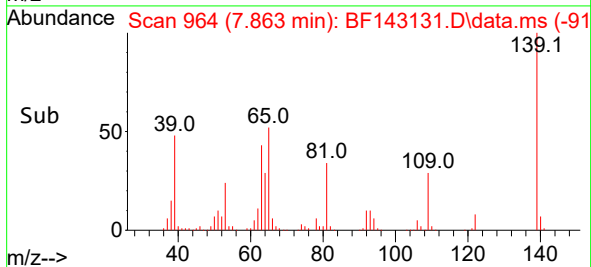
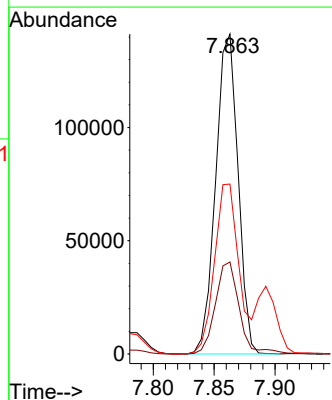
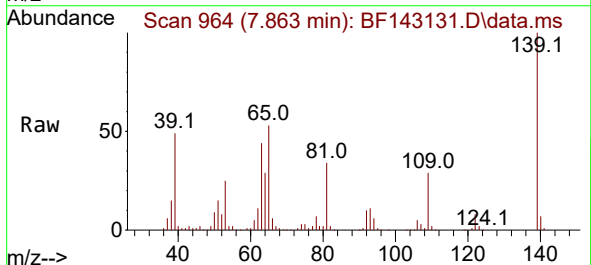
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

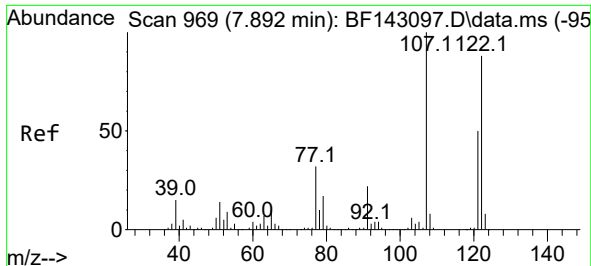
Tgt Ion: 82 Resp: 835156  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.6 8.4  
138 17.1 14.3 21.5



#26  
2-Nitrophenol  
Concen: 45.496 ng  
RT: 7.863 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:139 Resp: 180511  
Ion Ratio Lower Upper  
139 100  
109 28.8 23.4 35.0  
65 53.1 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 41.254 ng

RT: 7.892 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

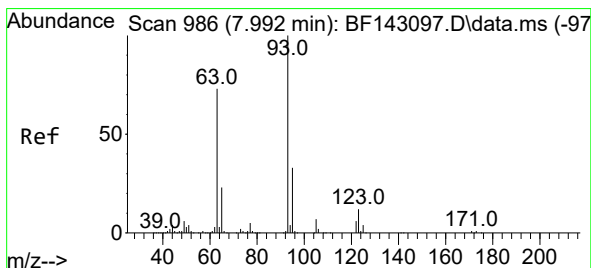
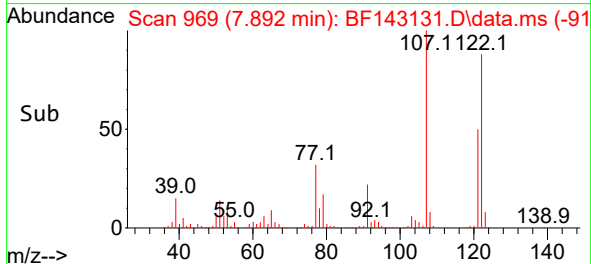
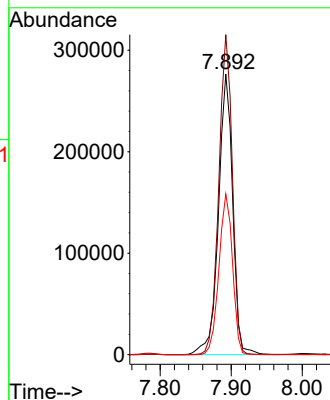
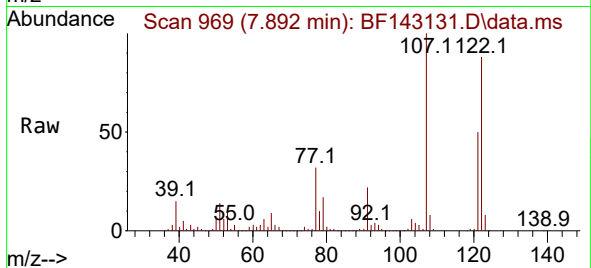
Tgt Ion:122 Resp: 382507

Ion Ratio Lower Upper

122 100

107 114.1 91.3 136.9

121 57.3 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.798 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

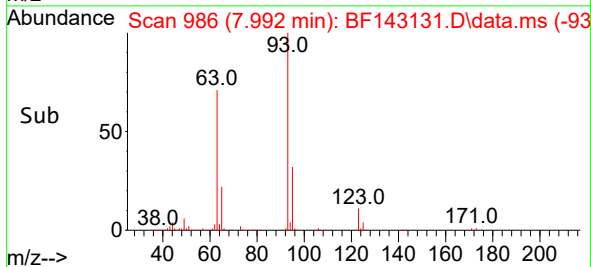
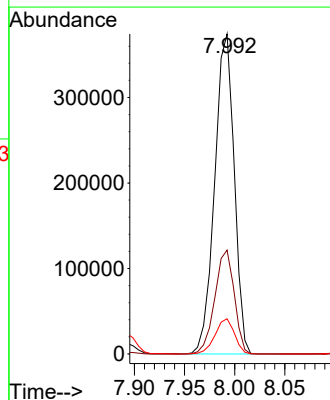
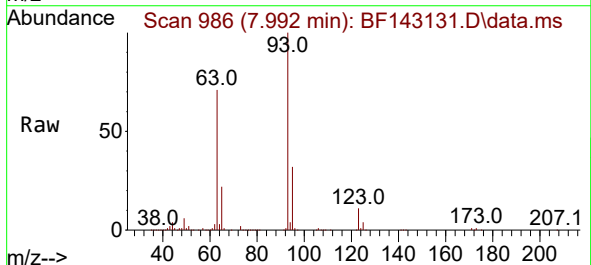
Tgt Ion: 93 Resp: 506341

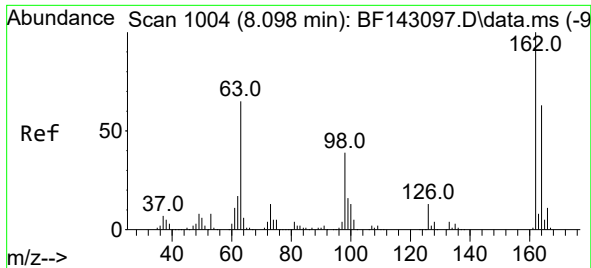
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 11.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 42.379 ng

RT: 8.098 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

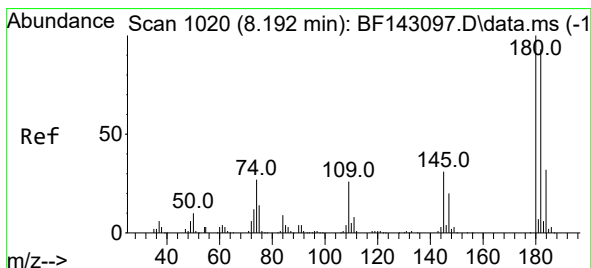
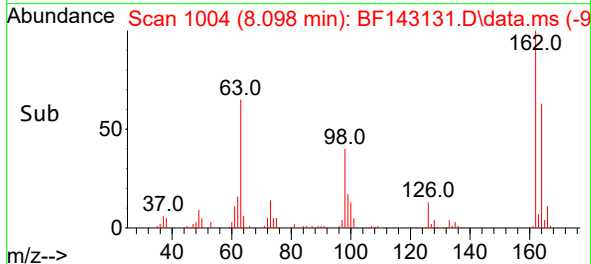
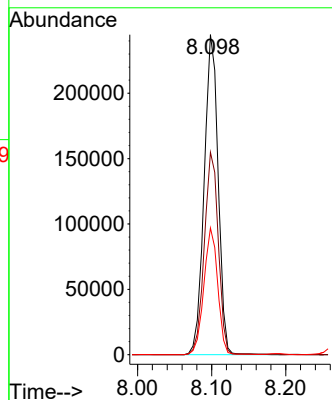
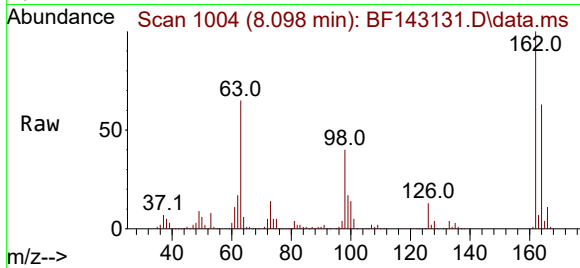
Tgt Ion:162 Resp: 321458

Ion Ratio Lower Upper

162 100

164 63.2 43.1 83.1

98 39.6 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 40.708 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

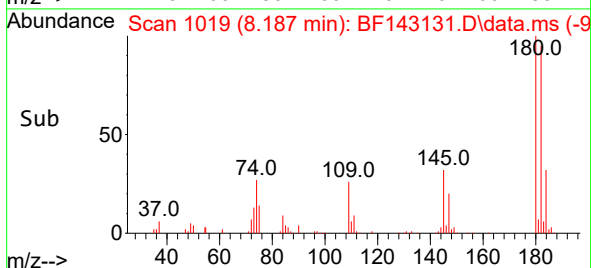
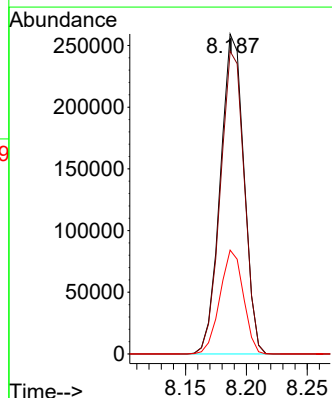
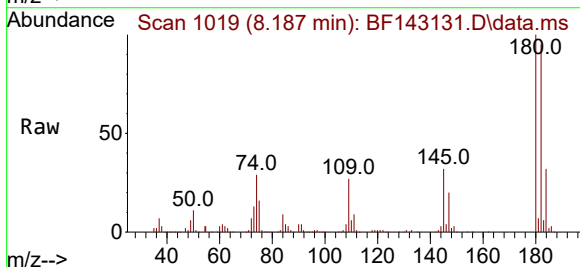
Tgt Ion:180 Resp: 350435

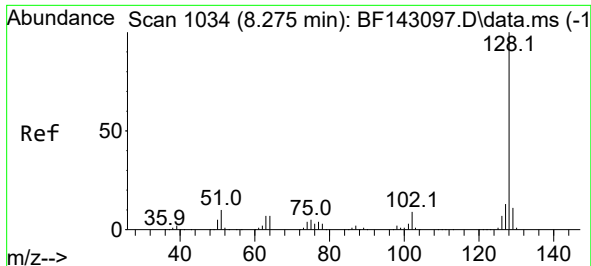
Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

145 32.4 24.5 36.7

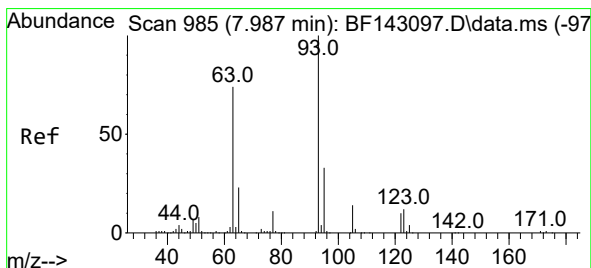
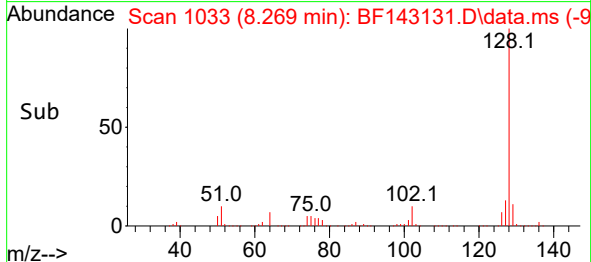
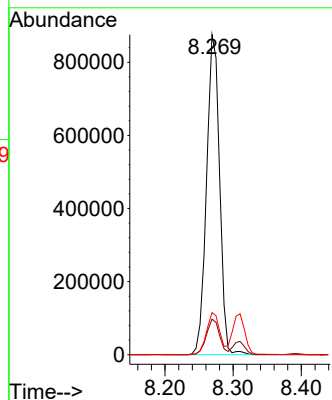
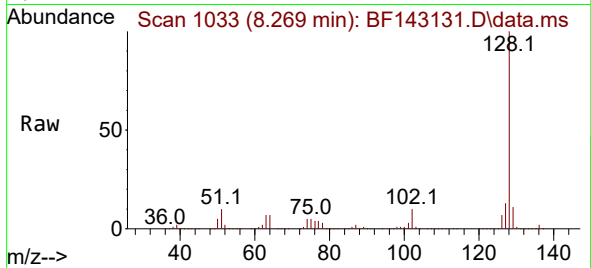




#31  
Naphthalene  
Concen: 40.495 ng  
RT: 8.269 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

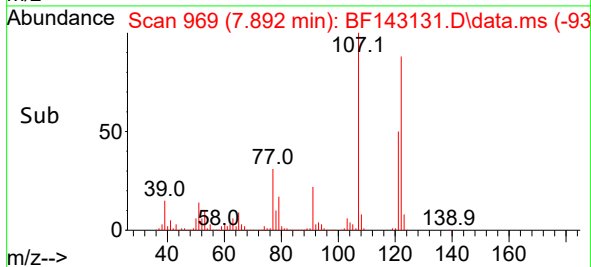
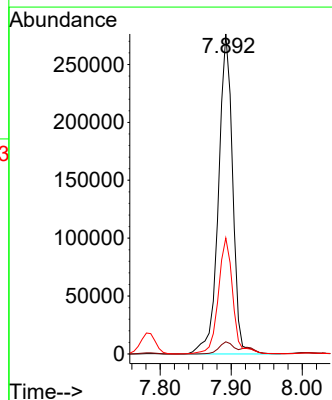
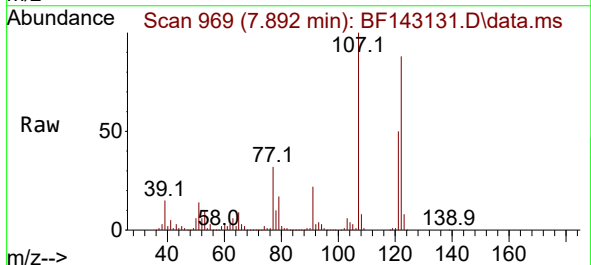
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

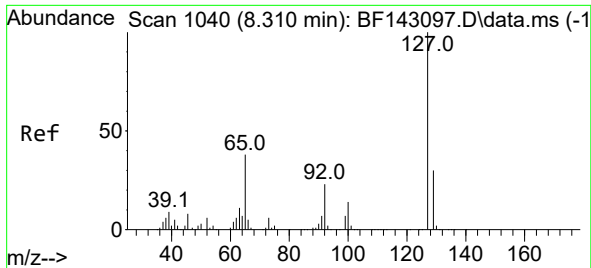
Tgt Ion:128 Resp: 1165944  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 13.2 10.5 15.7



#32  
Benzoic acid  
Concen: 78.068 ng  
RT: 7.892 min Scan# 969  
Delta R.T. -0.095 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:122 Resp: 382507  
Ion Ratio Lower Upper  
122 100  
105 3.8 105.4 145.4#  
77 36.3 78.6 118.6#

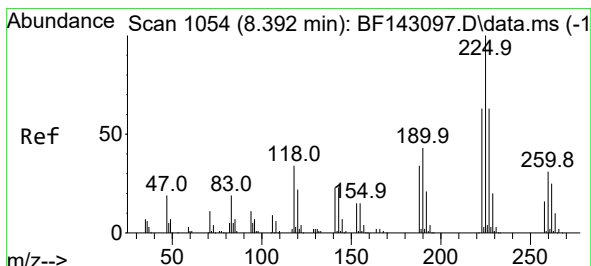
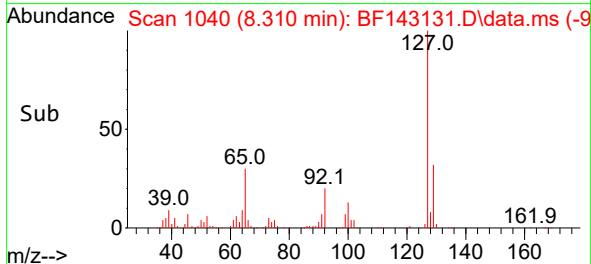
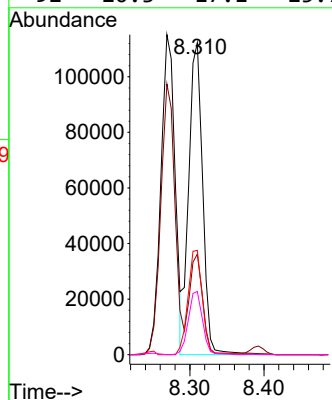
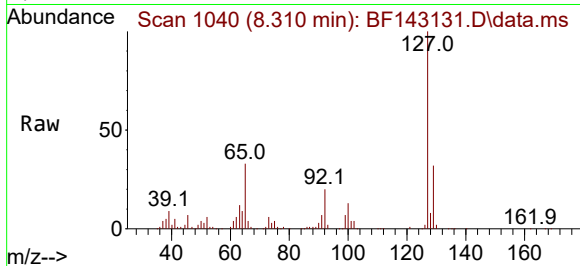




#33  
4-Chloroaniline  
Concen: 12.734 ng  
RT: 8.310 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

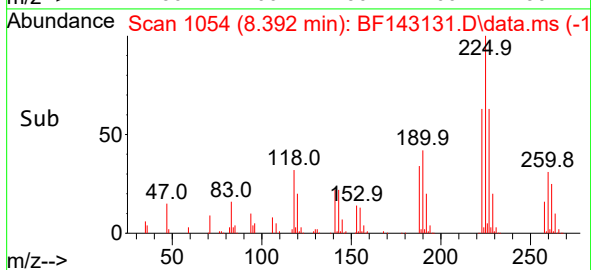
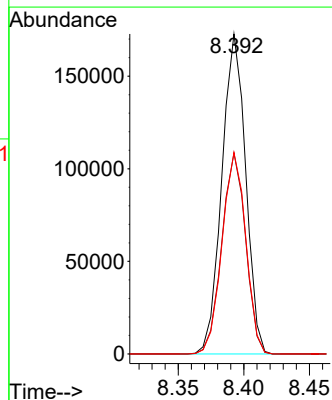
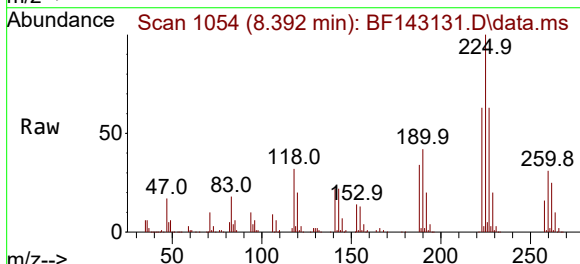
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

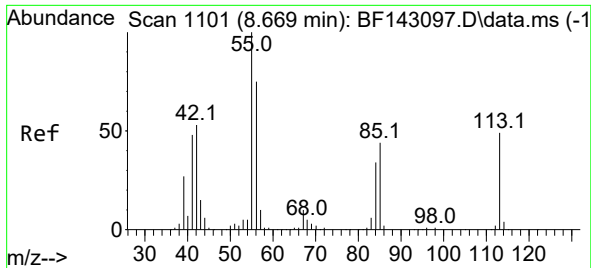
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 147433 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.2  | 39.4   |
| 65       | 33.5  | 28.6  | 42.8   |
| 92       | 20.3  | 17.1  | 25.7   |



#34  
Hexachlorobutadiene  
Concen: 42.286 ng  
RT: 8.392 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 217703 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.3  | 75.5   |
| 227      | 62.9  | 50.1  | 75.1   |

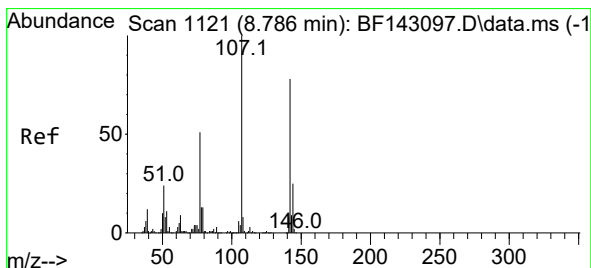
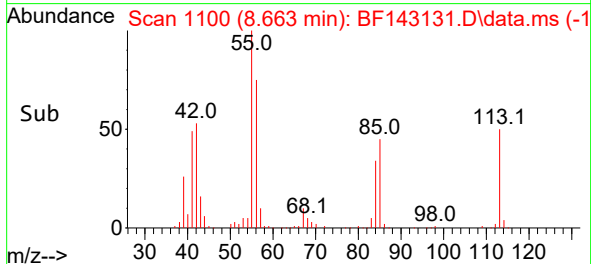
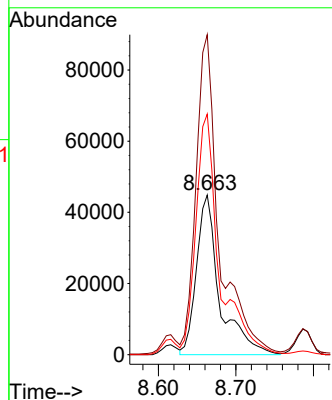
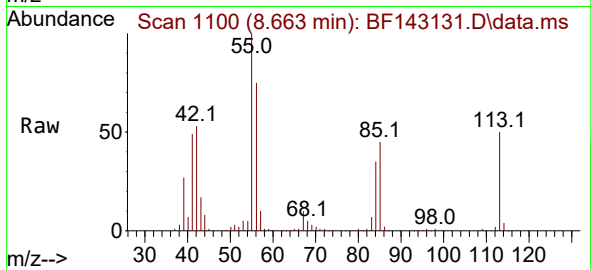




#35  
 Caprolactam  
 Concen: 39.408 ng  
 RT: 8.663 min Scan# 1100  
 Delta R.T. -0.006 min  
 Lab File: BF143131.D  
 Acq: 17 Jul 2025 02:34

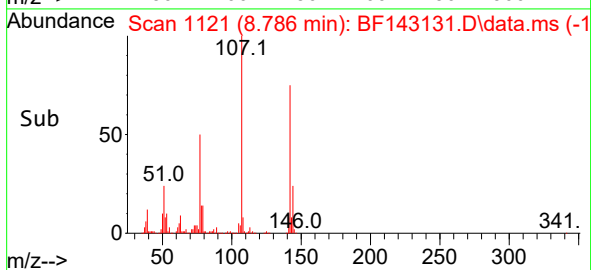
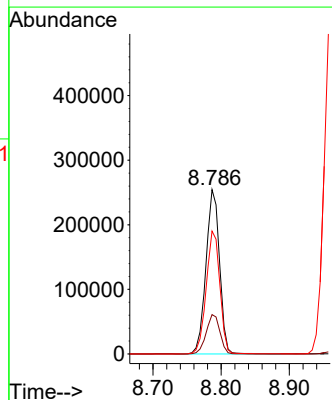
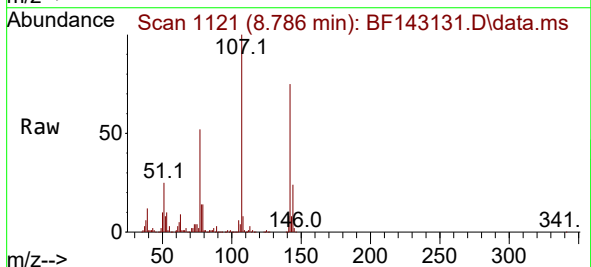
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-17MS

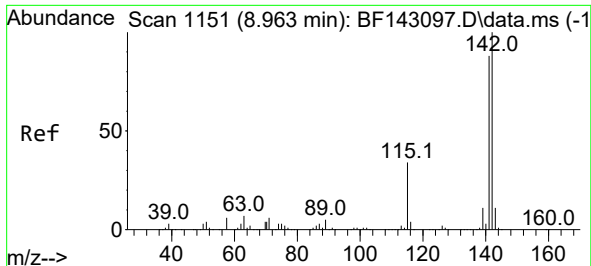
Tgt Ion:113 Resp: 93345  
 Ion Ratio Lower Upper  
 113 100  
 55 200.4 186.2 226.2  
 56 150.7 134.1 174.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.831 ng  
 RT: 8.786 min Scan# 1121  
 Delta R.T. 0.000 min  
 Lab File: BF143131.D  
 Acq: 17 Jul 2025 02:34

Tgt Ion:107 Resp: 353459  
 Ion Ratio Lower Upper  
 107 100  
 144 23.9 20.2 30.2  
 142 74.8 62.4 93.6

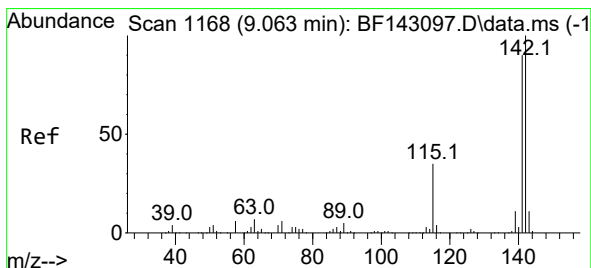
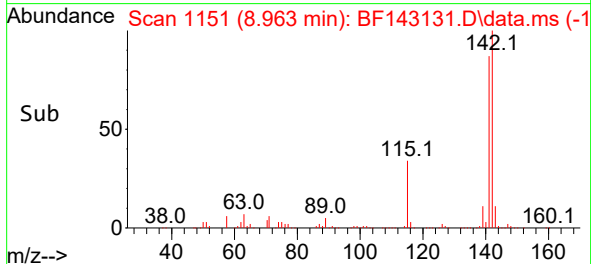
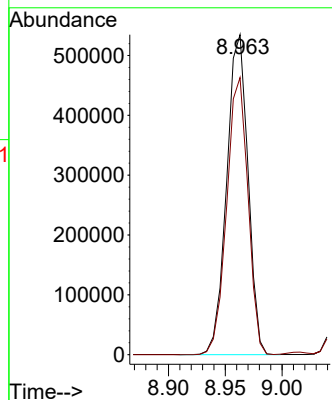
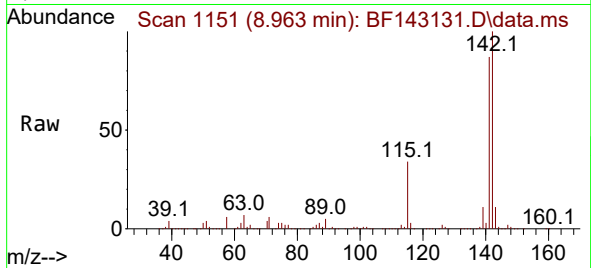




#37  
2-Methylnaphthalene  
Concen: 40.605 ng  
RT: 8.963 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

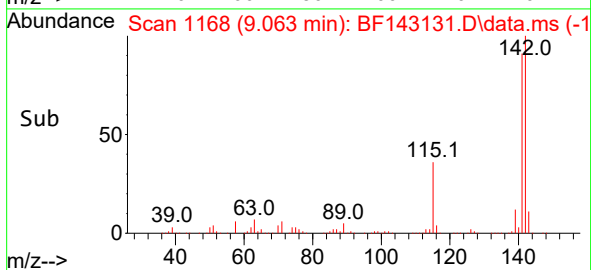
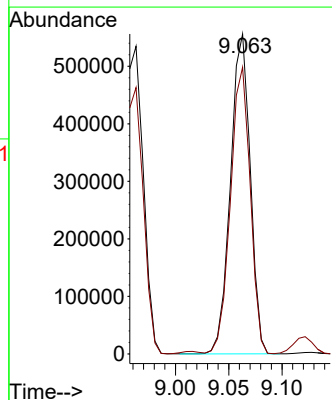
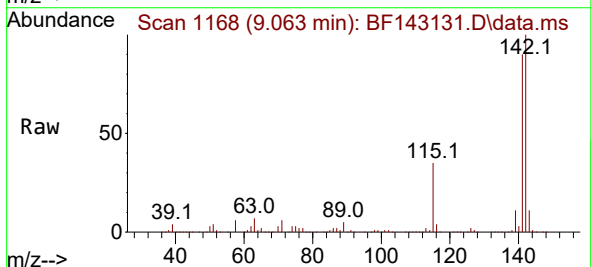
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

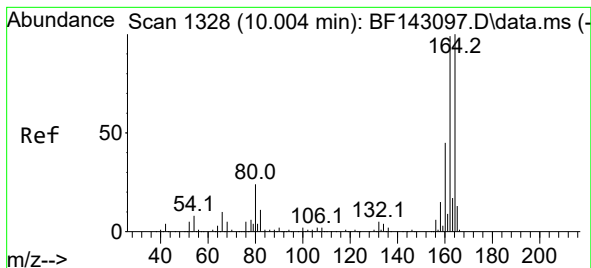
Tgt Ion:142 Resp: 697441  
Ion Ratio Lower Upper  
142 100  
141 86.6 70.2 105.2



#38  
1-Methylnaphthalene  
Concen: 40.346 ng  
RT: 9.063 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:142 Resp: 718769  
Ion Ratio Lower Upper  
142 100  
141 89.6 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

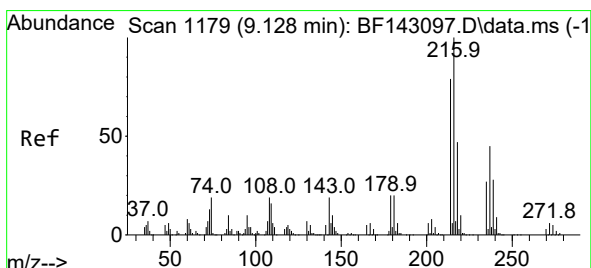
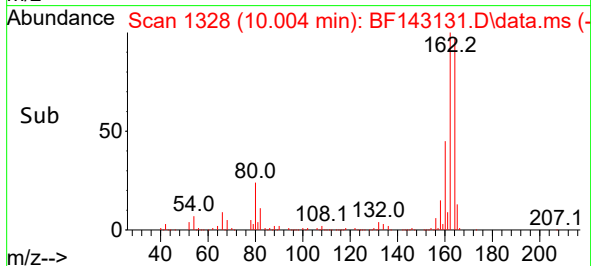
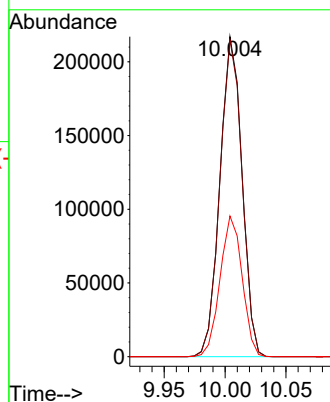
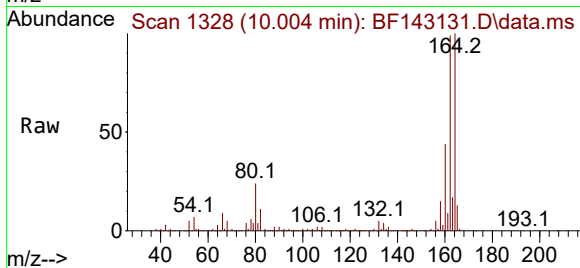
Tgt Ion:164 Resp: 274749

Ion Ratio Lower Upper

164 100

162 99.0 79.0 118.6

160 44.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.197 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Tgt Ion:216 Resp: 337867

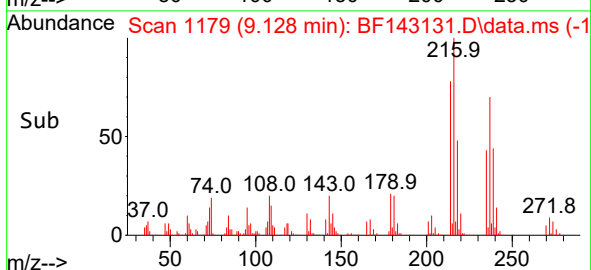
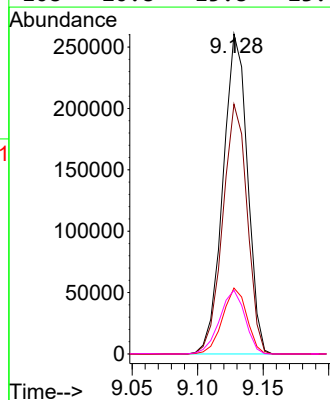
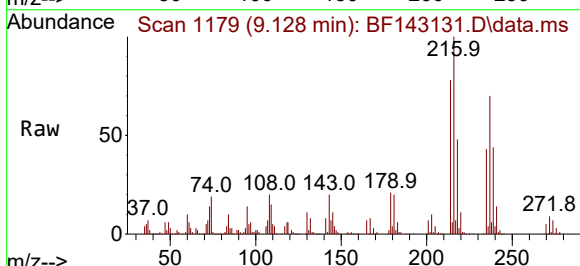
Ion Ratio Lower Upper

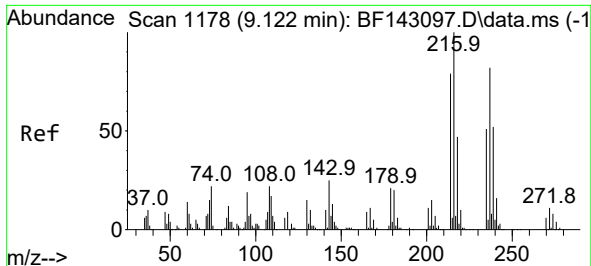
216 100

214 77.9 62.6 94.0

179 20.5 16.2 24.2

108 20.8 15.8 23.6

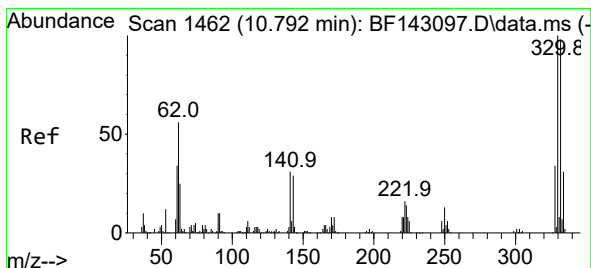
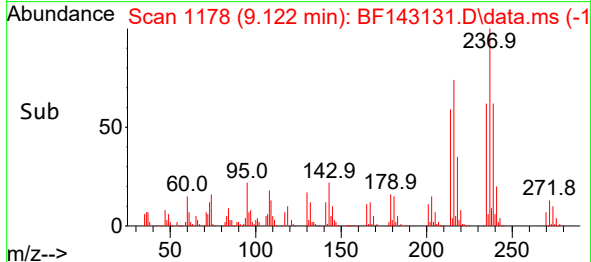
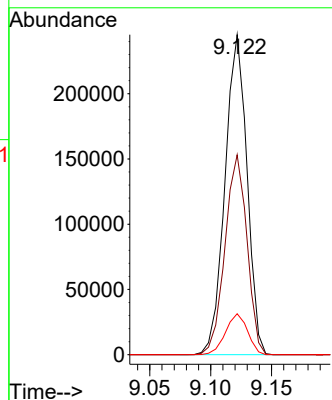
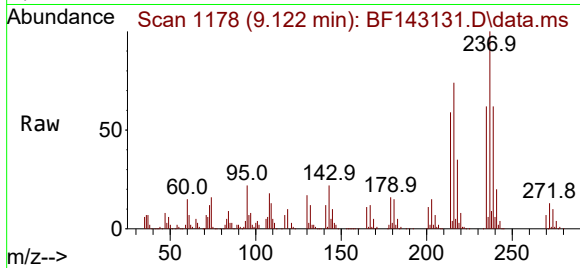




#41  
Hexachlorocyclopentadiene  
Concen: 69.565 ng  
RT: 9.122 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

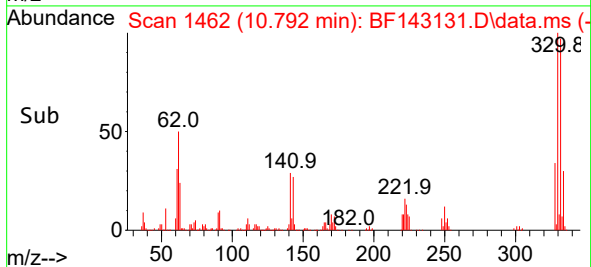
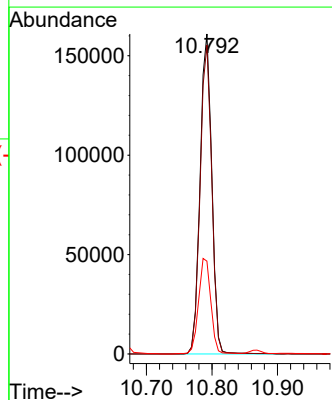
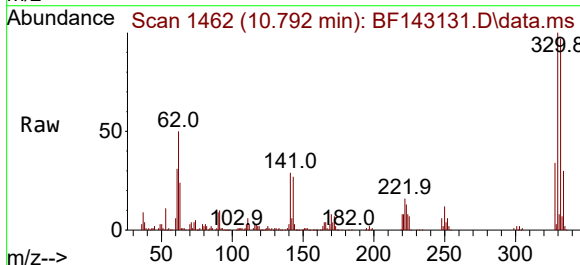
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

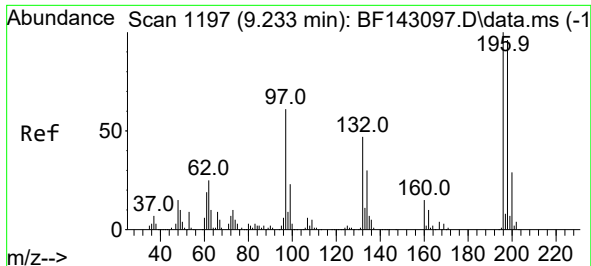
Tgt Ion:237 Resp: 308813  
Ion Ratio Lower Upper  
237 100  
235 62.4 41.6 81.6  
272 12.8 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 81.600 ng  
RT: 10.792 min Scan# 1462  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:330 Resp: 199903  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.9 116.9  
141 31.5 25.9 38.9





#43

2,4,6-Trichlorophenol

Concen: 41.813 ng

RT: 9.234 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

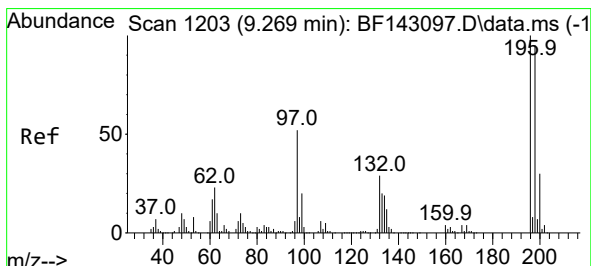
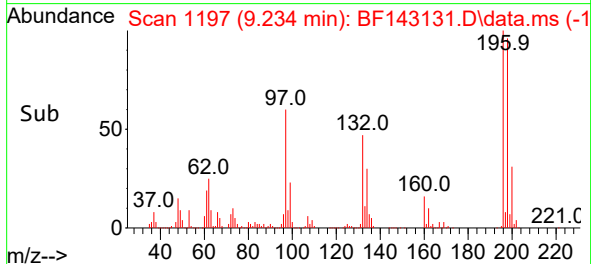
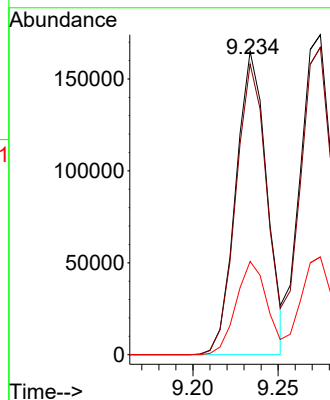
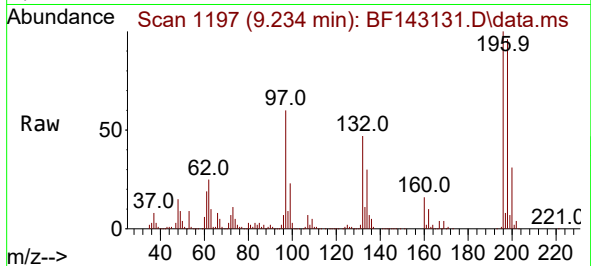
Tgt Ion:196 Resp: 208024

Ion Ratio Lower Upper

196 100

198 95.8 76.9 115.3

200 30.8 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 42.999 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Tgt Ion:196 Resp: 224311

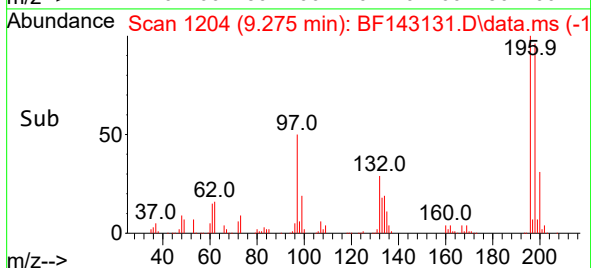
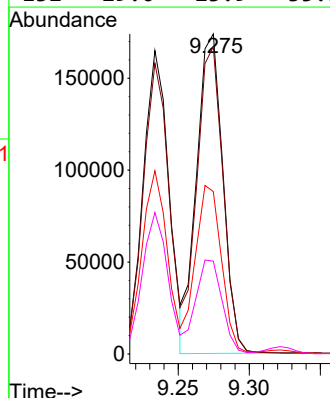
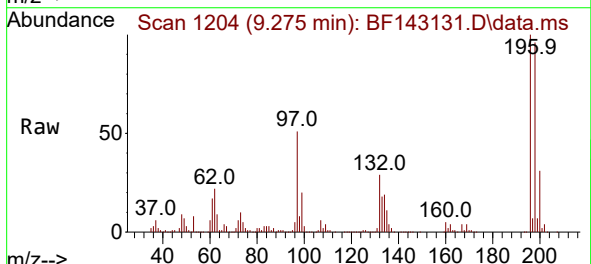
Ion Ratio Lower Upper

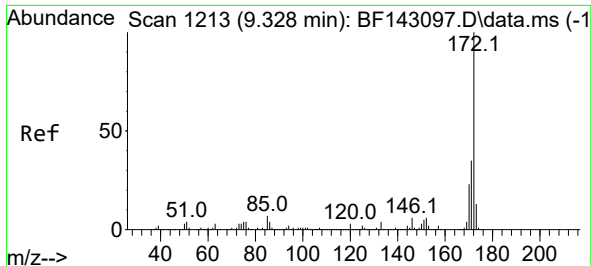
196 100

198 96.1 76.4 114.6

97 50.7 42.4 63.6

132 29.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 53.889 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

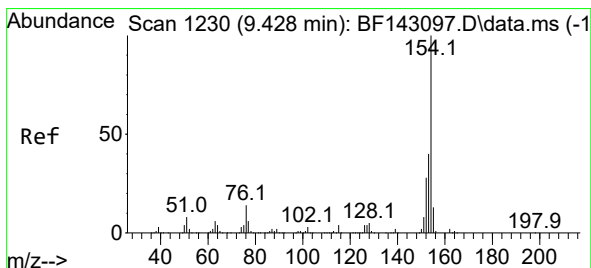
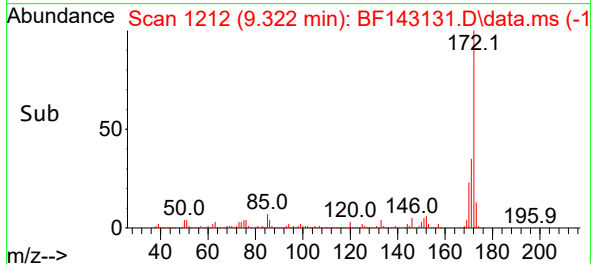
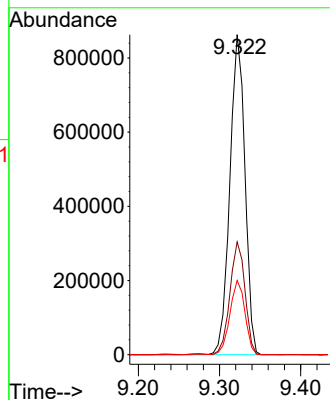
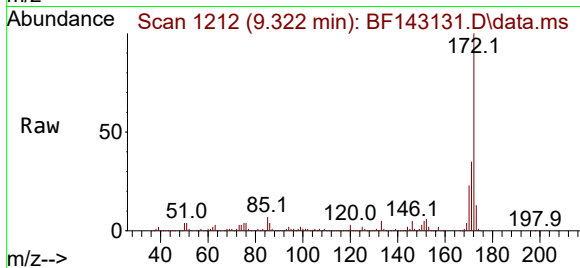
Tgt Ion:172 Resp: 1113827

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 41.942 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

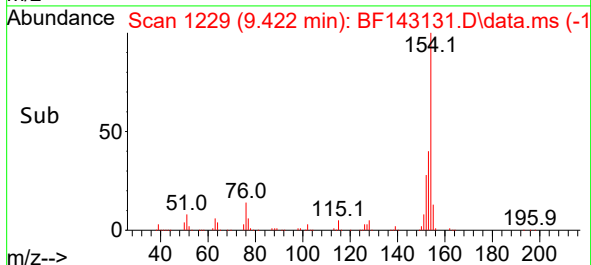
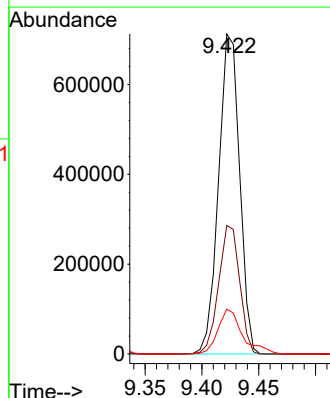
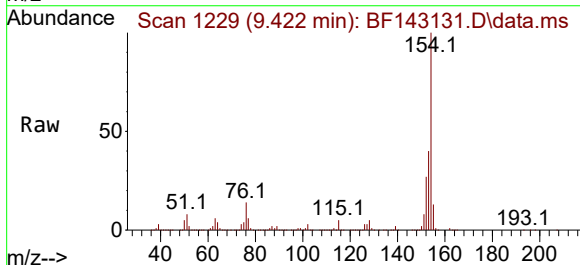
Tgt Ion:154 Resp: 918974

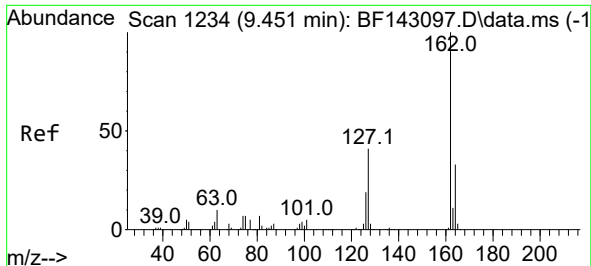
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 14.0 0.0 33.7

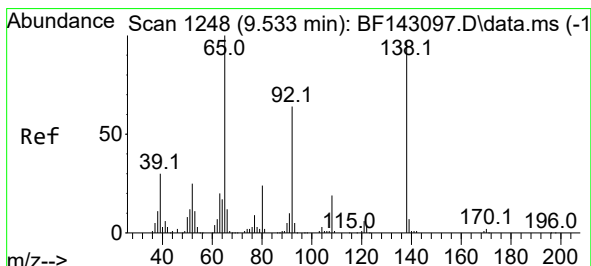
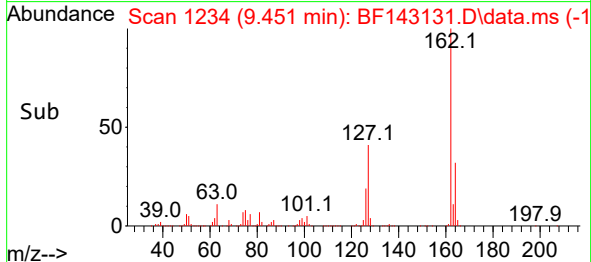
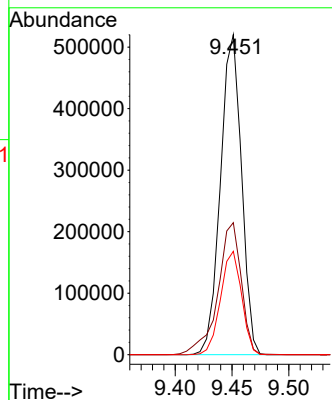
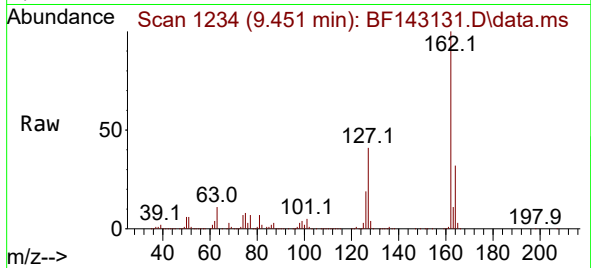




#47  
2-Chloronaphthalene  
Concen: 41.742 ng  
RT: 9.451 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

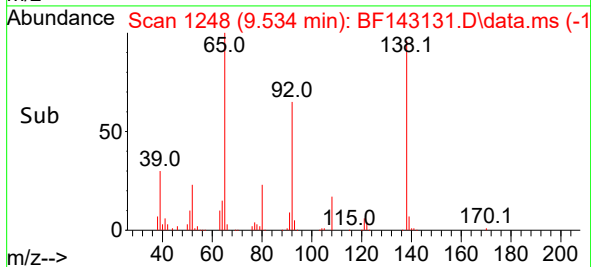
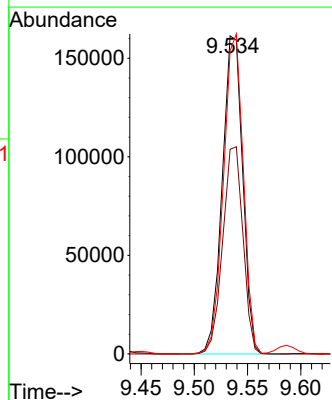
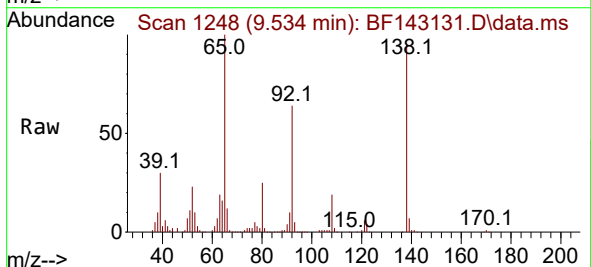
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

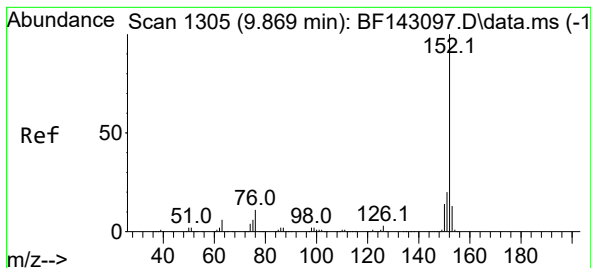
Tgt Ion:162 Resp: 671890  
Ion Ratio Lower Upper  
162 100  
127 41.2 33.0 49.6  
164 32.3 26.1 39.1



#48  
2-Nitroaniline  
Concen: 44.804 ng  
RT: 9.534 min Scan# 1248  
Delta R.T. 0.001 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion: 65 Resp: 214232  
Ion Ratio Lower Upper  
65 100  
92 64.3 51.3 76.9  
138 95.3 77.8 116.6





#49

Acenaphthylene

Concen: 41.420 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

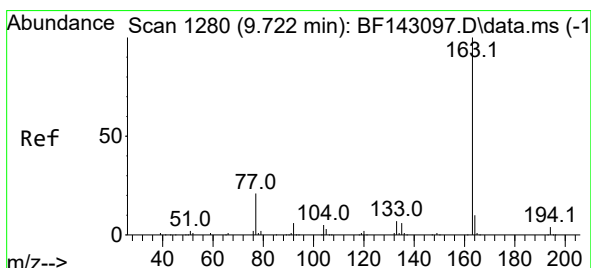
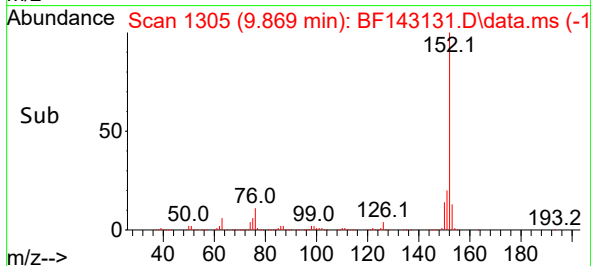
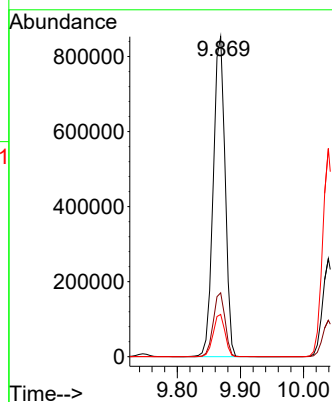
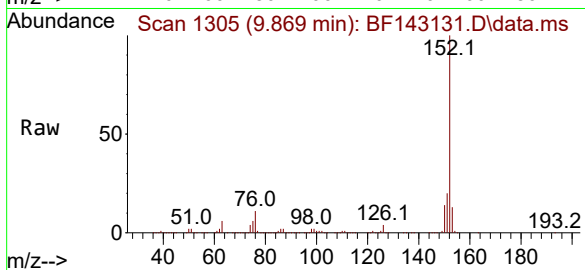
Tgt Ion:152 Resp: 1110952

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 43.880 ng

RT: 9.722 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

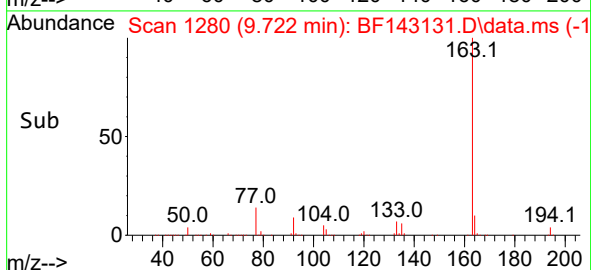
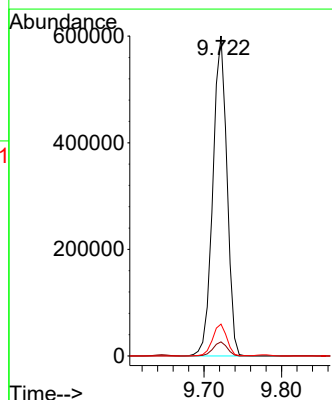
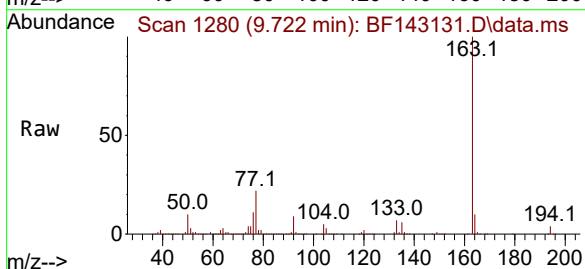
Tgt Ion:163 Resp: 758469

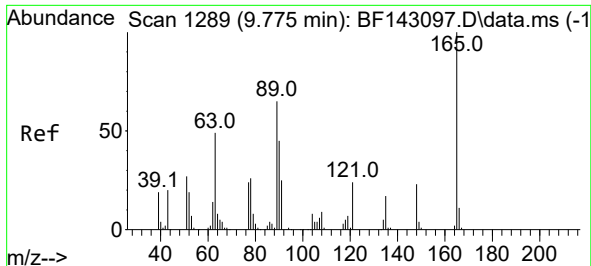
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.0 8.2 12.2

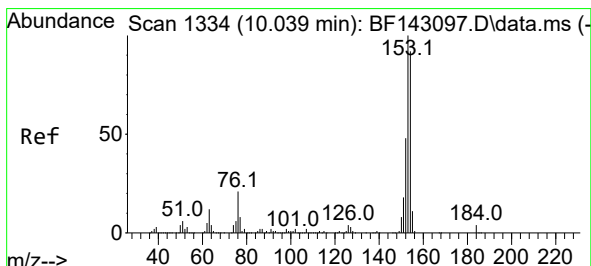
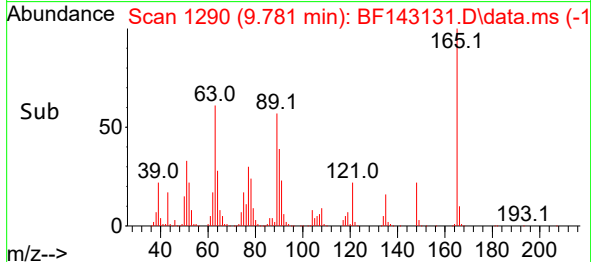
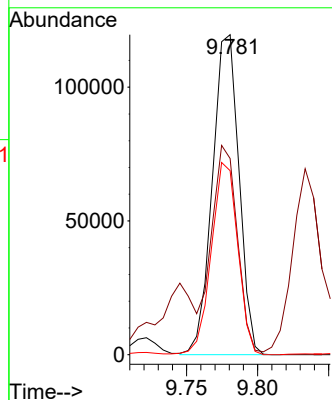
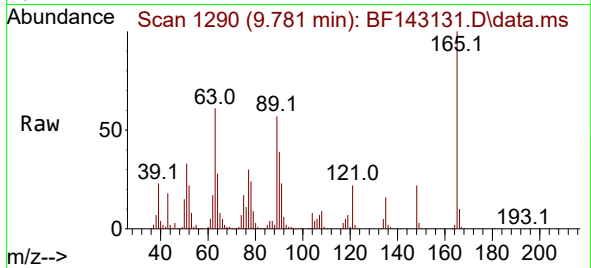




#51  
2,6-Dinitrotoluene  
Concen: 45.740 ng  
RT: 9.781 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

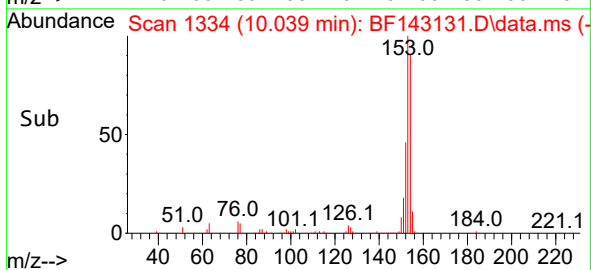
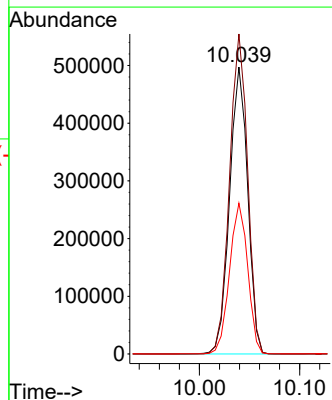
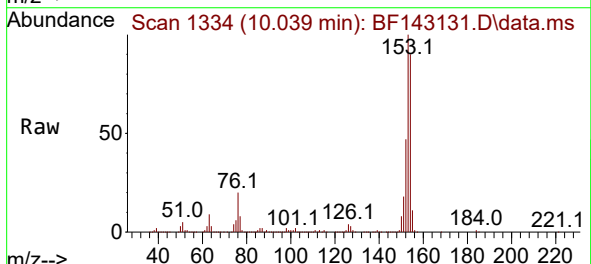
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

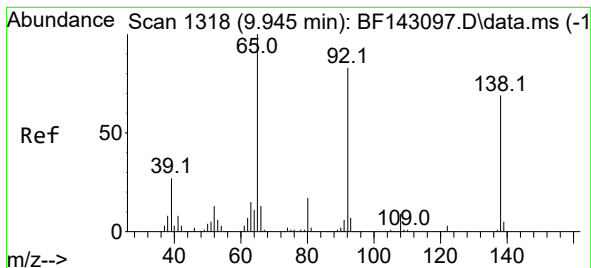
Tgt Ion:165 Resp: 155746  
Ion Ratio Lower Upper  
165 100  
63 61.3 57.4 86.0  
89 57.5 51.8 77.8



#52  
Acenaphthene  
Concen: 39.334 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:154 Resp: 622567  
Ion Ratio Lower Upper  
154 100  
153 111.5 86.7 130.1  
152 52.5 41.4 62.2





#53

3-Nitroaniline

Concen: 34.449 ng

RT: 9.945 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

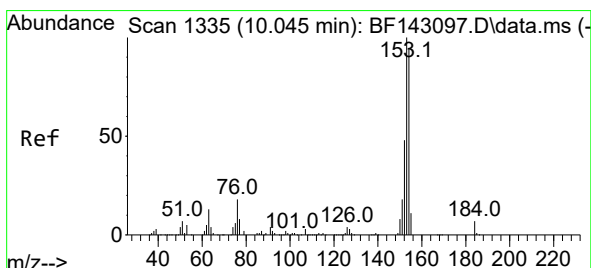
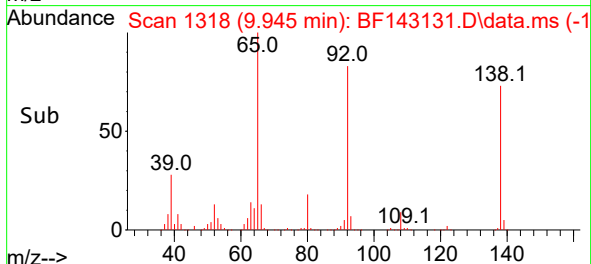
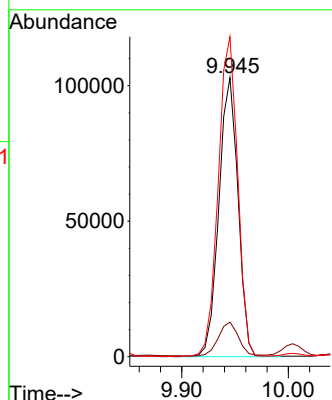
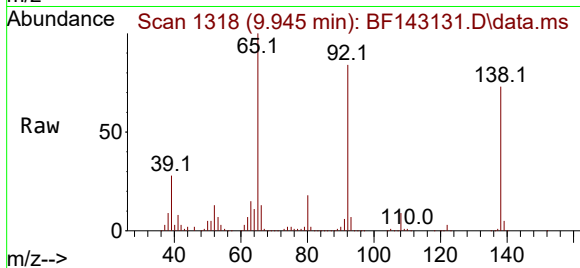
Tgt Ion:138 Resp: 128666

Ion Ratio Lower Upper

138 100

108 12.4 10.1 15.1

92 114.7 96.4 144.6



#54

2,4-Dinitrophenol

Concen: 8.800 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

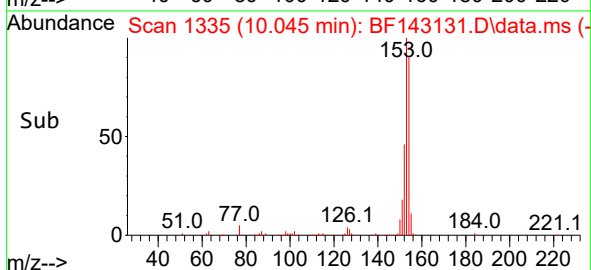
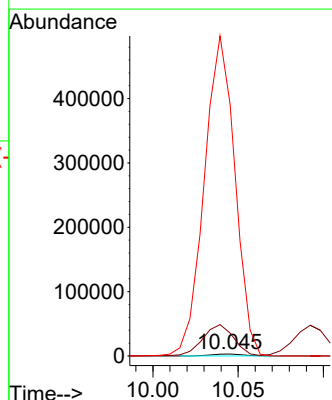
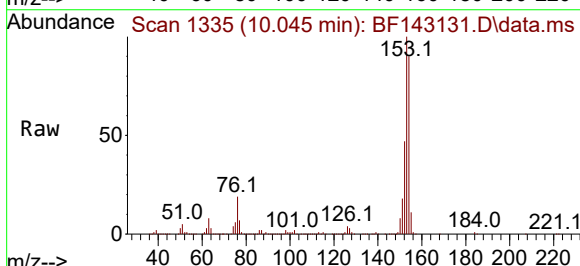
Tgt Ion:184 Resp: 3818

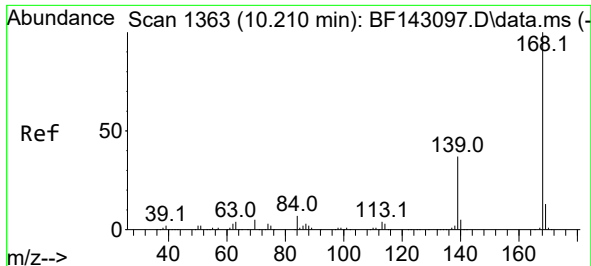
Ion Ratio Lower Upper

184 100

63 1195.6 149.3 223.9#

154 13117.7 1048.0 1572.0#

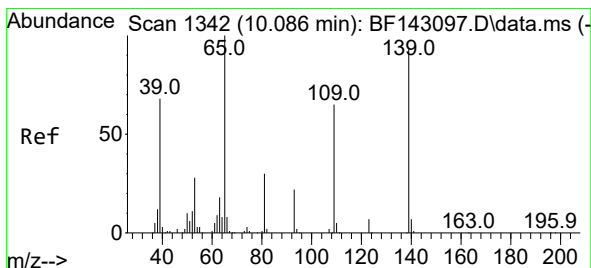
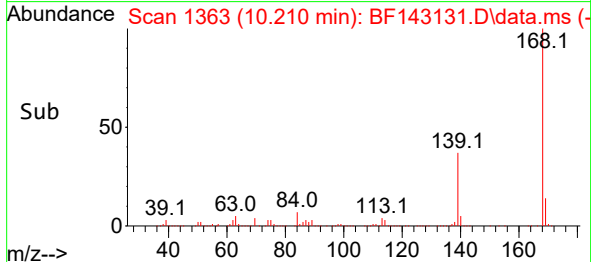
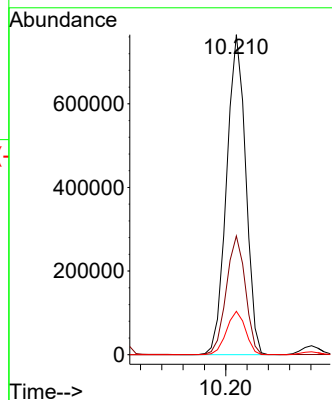
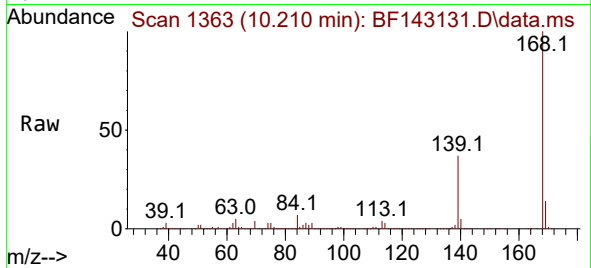




#55  
Dibenzenofuran  
Concen: 40.449 ng  
RT: 10.210 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

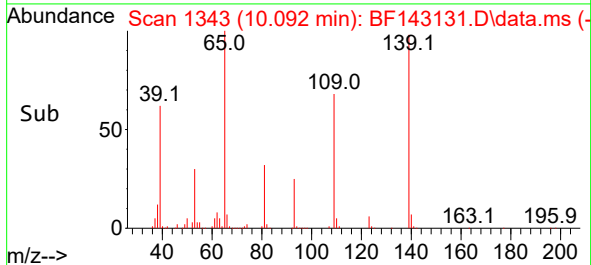
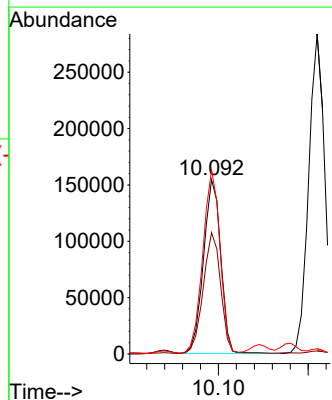
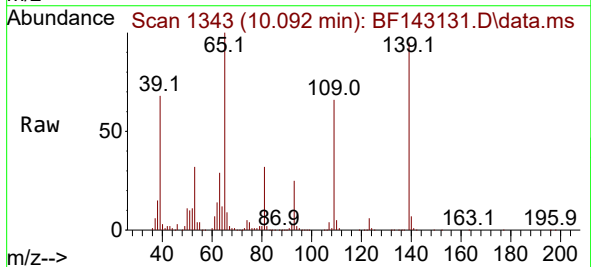
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

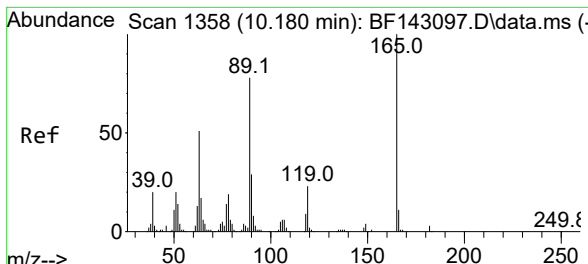
Tgt Ion:168 Resp: 954263  
Ion Ratio Lower Upper  
168 100  
139 37.1 29.8 44.6  
169 13.6 10.8 16.2



#56  
4-Nitrophenol  
Concen: 69.375 ng  
RT: 10.092 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:139 Resp: 205928  
Ion Ratio Lower Upper  
139 100  
109 69.5 49.4 89.4  
65 105.5 88.2 128.2

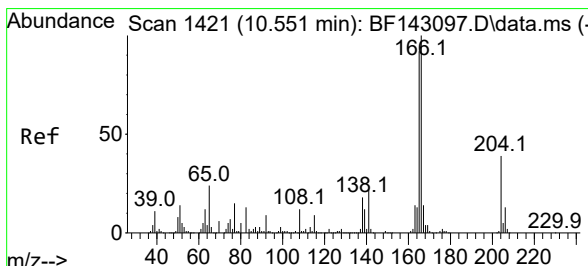
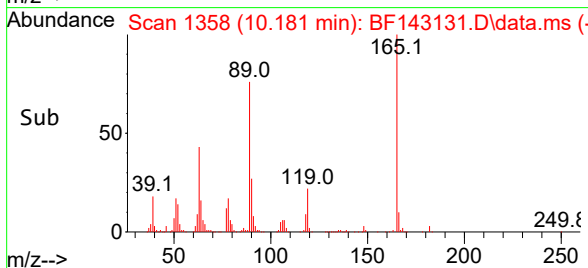
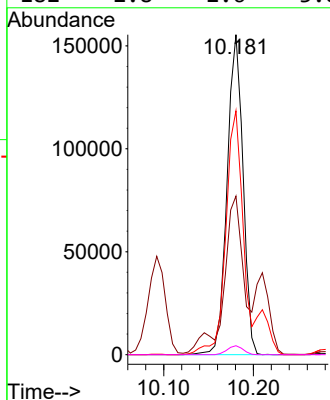
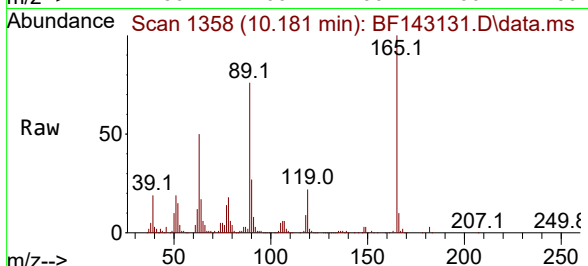




#57  
2,4-Dinitrotoluene  
Concen: 45.006 ng  
RT: 10.181 min Scan# 1358  
Delta R.T. 0.001 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

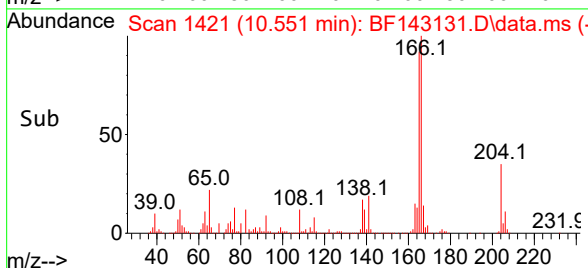
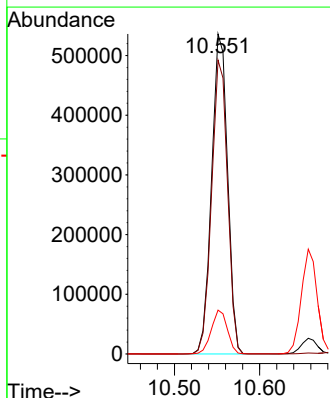
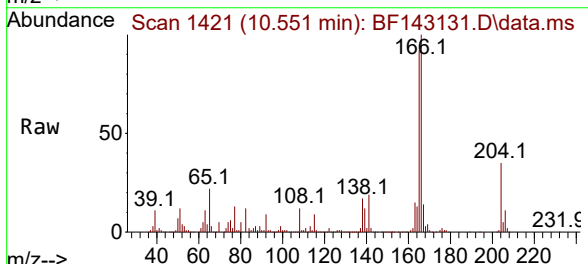
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

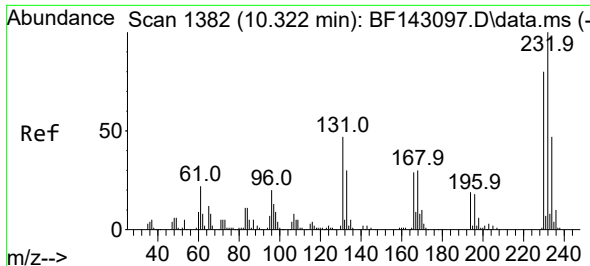
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 190989    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 49.6  | 40.6 61.0 |
| 89          | 76.2  | 62.3 93.5 |
| 182         | 2.8   | 2.6 3.8   |



#58  
Fluorene  
Concen: 39.512 ng  
RT: 10.551 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 698855     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 91.8  | 73.7 110.5 |
| 167         | 13.7  | 10.9 16.3  |

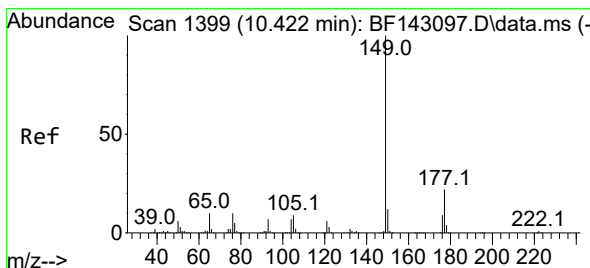
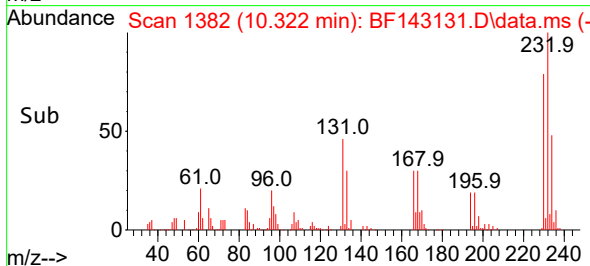
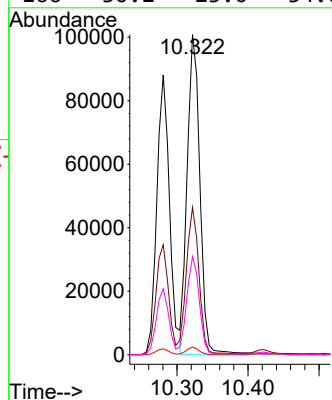
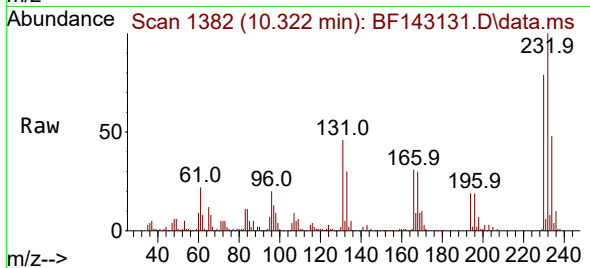




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 30.182 ng  
RT: 10.322 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

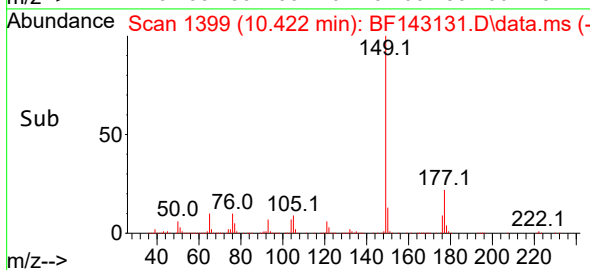
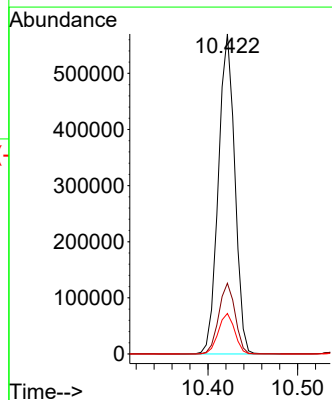
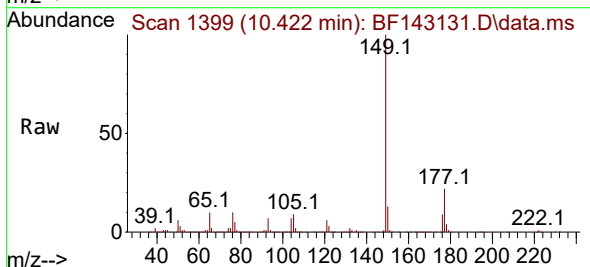
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

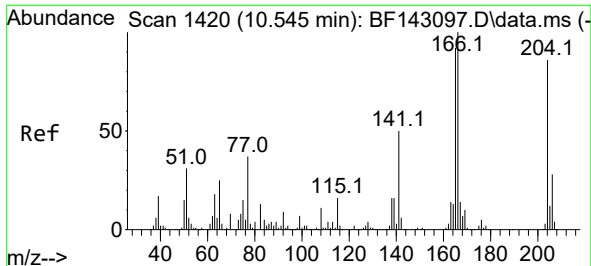
Tgt Ion:232 Resp: 125120  
Ion Ratio Lower Upper  
232 100  
131 46.1 36.9 55.3  
130 2.3 1.8 2.8  
166 30.2 23.0 34.6



#60  
Diethylphthalate  
Concen: 43.562 ng  
RT: 10.422 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:149 Resp: 726438  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.3 25.9  
150 12.7 9.9 14.9

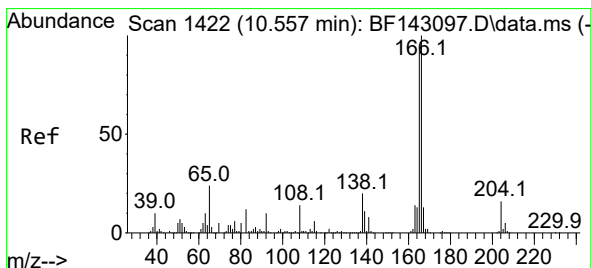
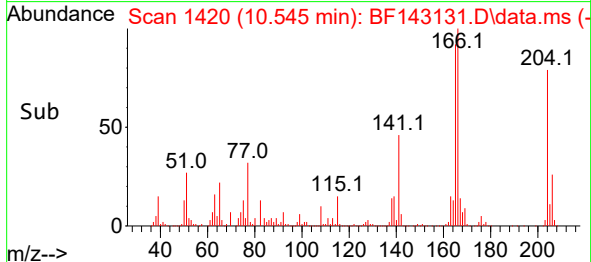
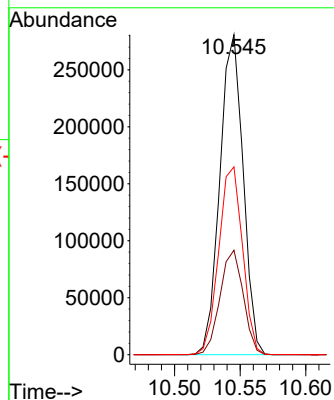
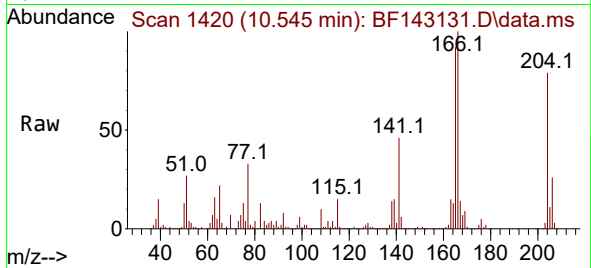




#61  
4-Chlorophenyl-phenylether  
Concen: 40.891 ng  
RT: 10.545 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

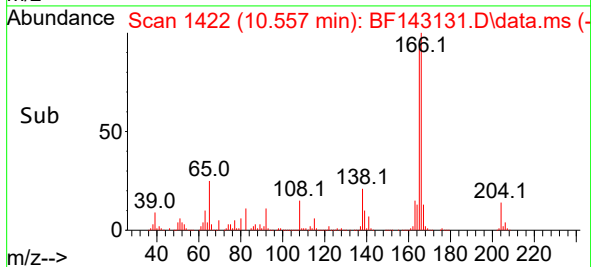
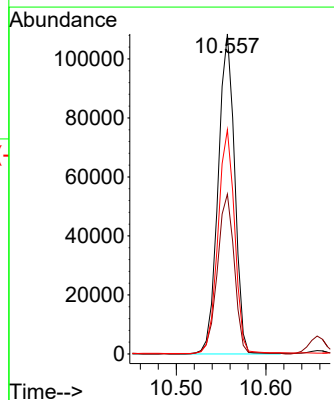
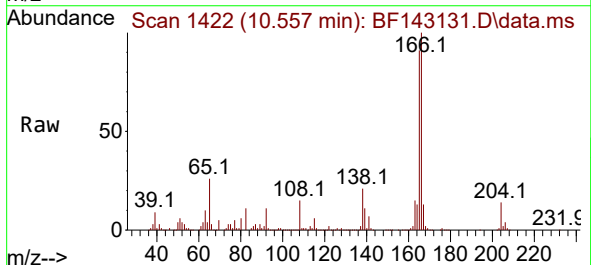
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

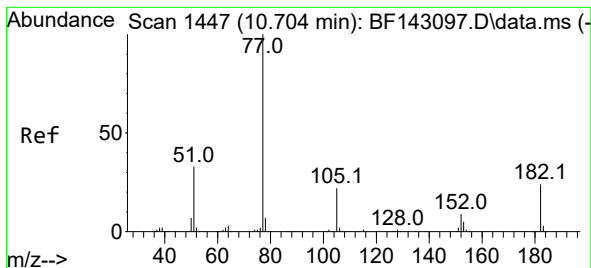
Tgt Ion:204 Resp: 346653  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.8 38.6  
141 58.7 46.8 70.2



#62  
4-Nitroaniline  
Concen: 42.763 ng  
RT: 10.557 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:138 Resp: 138893  
Ion Ratio Lower Upper  
138 100  
92 50.0 30.4 70.4  
108 70.1 49.5 89.5





#63

Azobenzene

Concen: 44.607 ng

RT: 10.704 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

Tgt Ion: 77 Resp: 822670

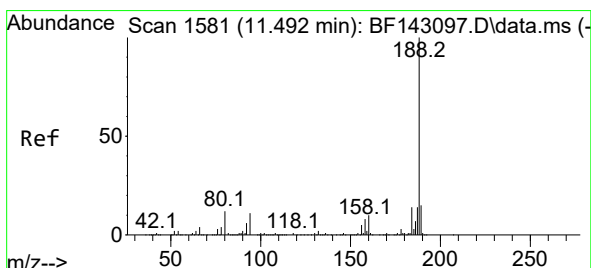
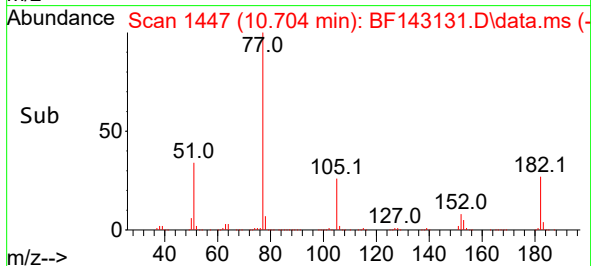
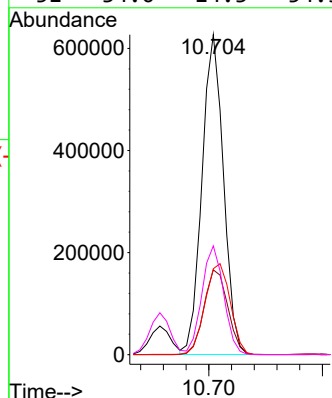
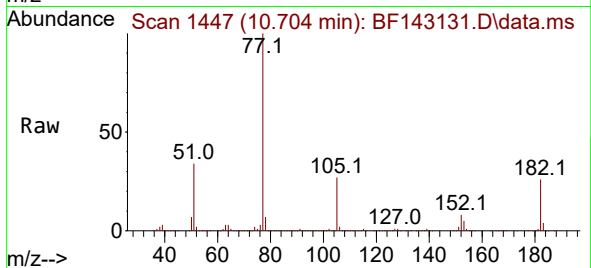
Ion Ratio Lower Upper

77 100

182 26.5 4.0 44.0

105 26.8 1.4 41.4

51 34.0 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

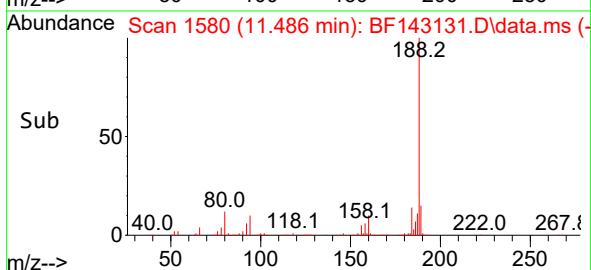
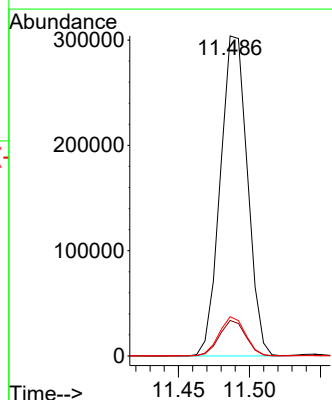
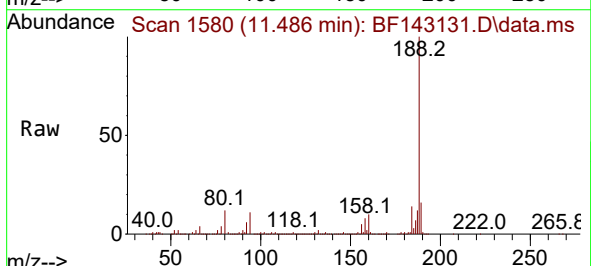
Tgt Ion:188 Resp: 404136

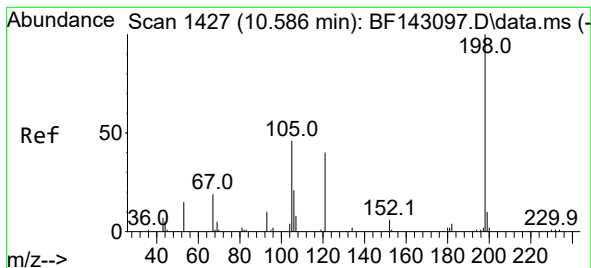
Ion Ratio Lower Upper

188 100

94 11.1 8.6 13.0

80 12.3 9.3 13.9

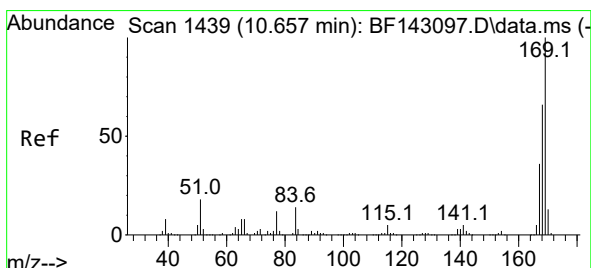
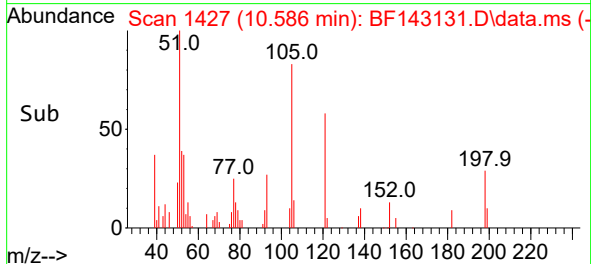
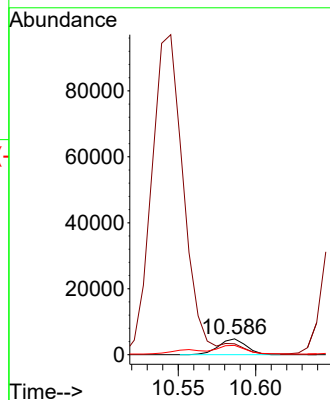
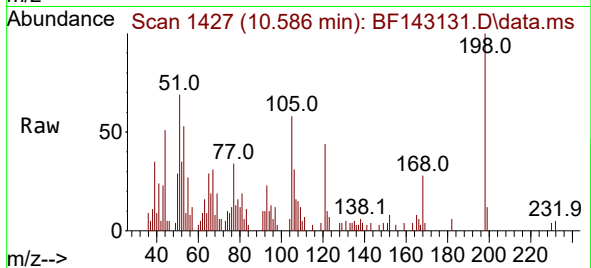




#65  
4,6-Dinitro-2-methylphenol  
Concen: 9.550 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

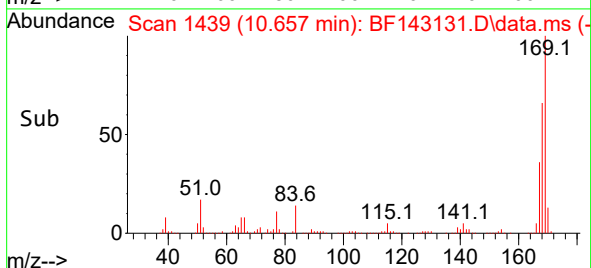
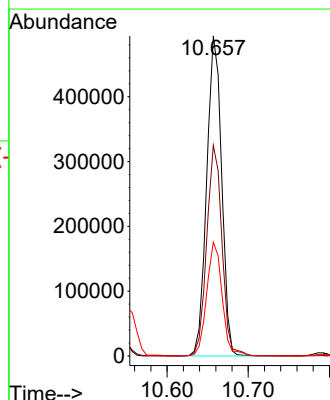
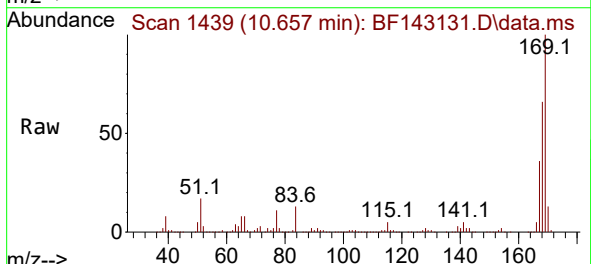
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

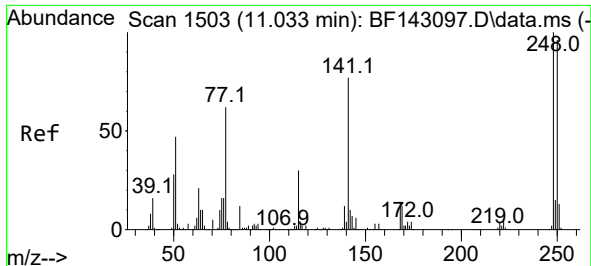
Tgt Ion:198 Resp: 5912  
Ion Ratio Lower Upper  
198 100  
51 68.8 44.6 84.6  
105 58.2 29.3 69.3



#66  
n-Nitrosodiphenylamine  
Concen: 44.342 ng  
RT: 10.657 min Scan# 1439  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:169 Resp: 629474  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.0 79.6  
167 35.6 28.4 42.6

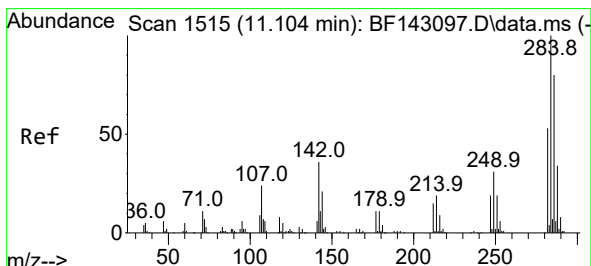
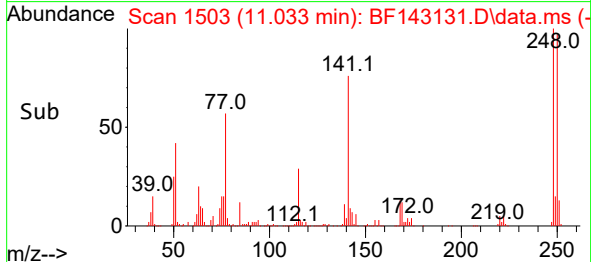
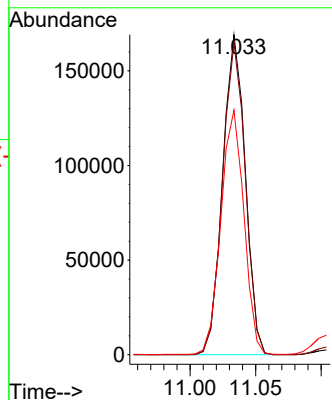
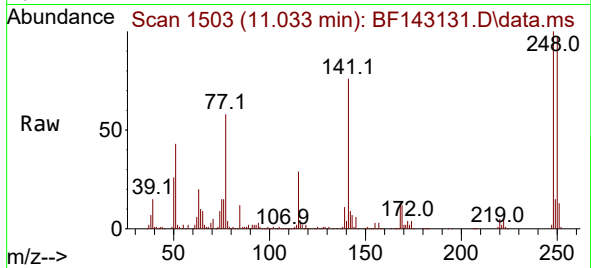




#67  
4-Bromophenyl-phenylether  
Concen: 44.257 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

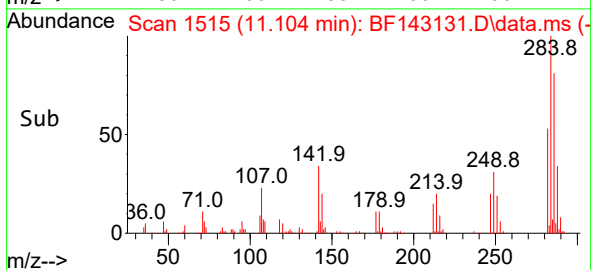
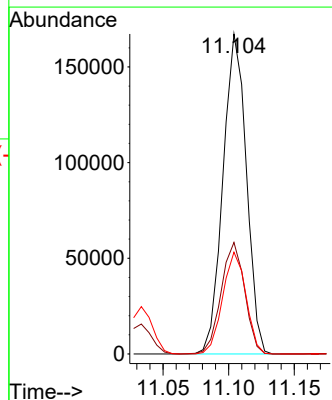
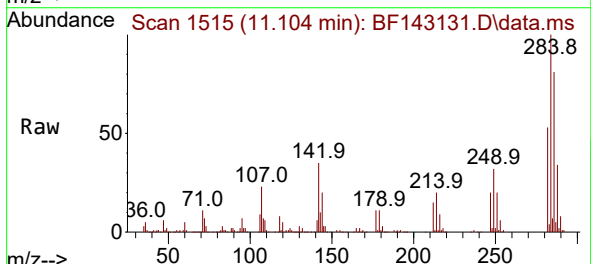
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

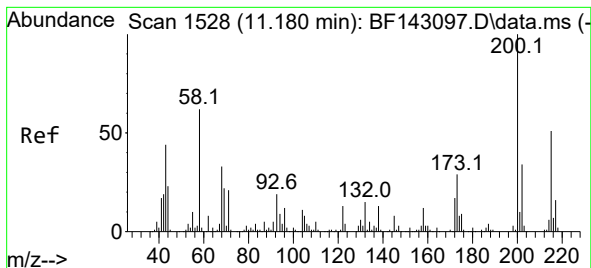
Tgt Ion:248 Resp: 203399  
Ion Ratio Lower Upper  
248 100  
250 97.4 76.7 115.1  
141 76.4 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 42.555 ng  
RT: 11.104 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:284 Resp: 207516  
Ion Ratio Lower Upper  
284 100  
142 34.8 28.9 43.3  
249 31.8 24.6 37.0





#69

Atrazine

Concen: 47.957 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

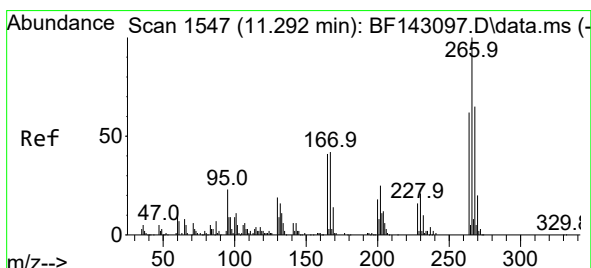
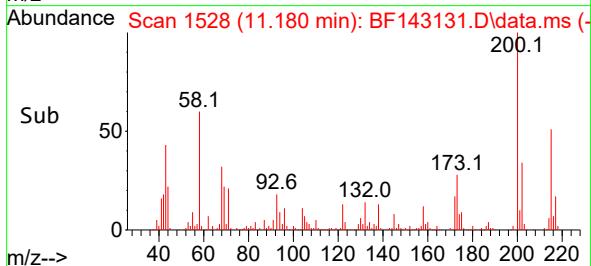
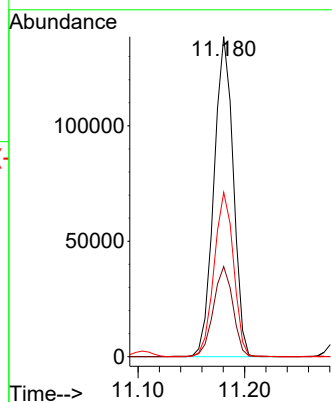
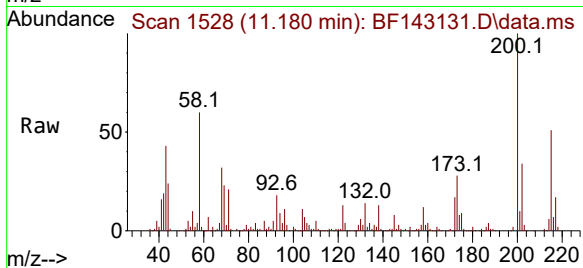
Tgt Ion:200 Resp: 174175

Ion Ratio Lower Upper

200 100

173 28.2 9.1 49.1

215 51.3 31.0 71.0



#70

Pentachlorophenol

Concen: 23.592 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

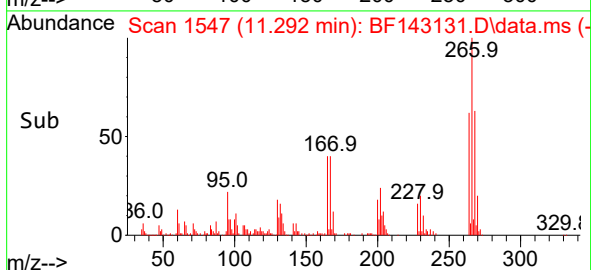
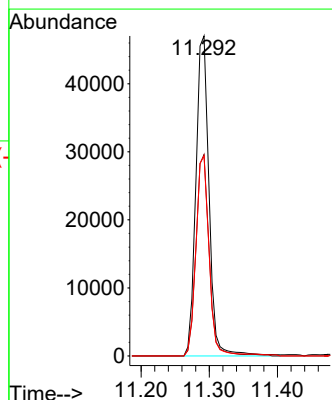
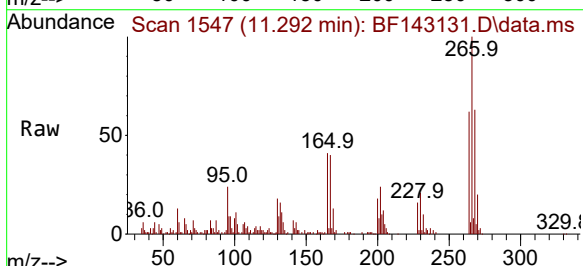
Tgt Ion:266 Resp: 63118

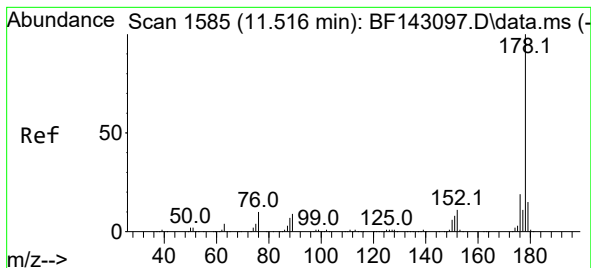
Ion Ratio Lower Upper

266 100

268 62.9 51.8 77.6

264 62.4 49.7 74.5





#71

Phenanthrene

Concen: 40.499 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

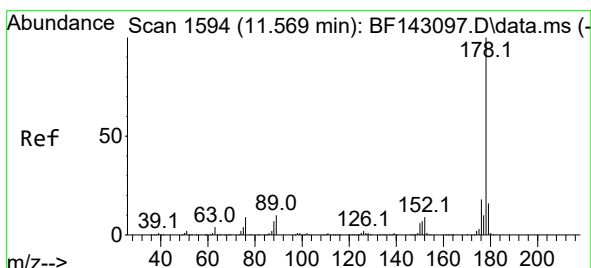
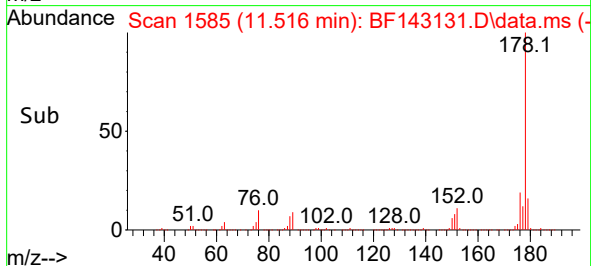
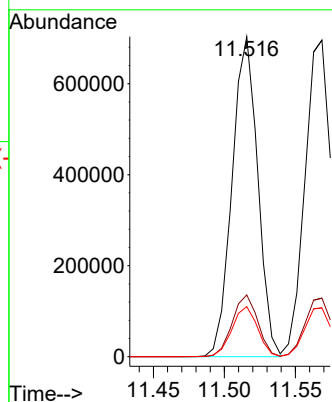
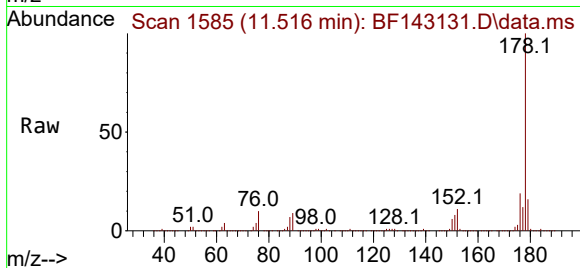
Tgt Ion:178 Resp: 883304

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.7 12.2 18.4



#72

Anthracene

Concen: 41.101 ng

RT: 11.569 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

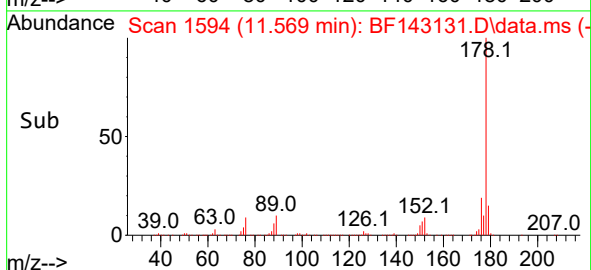
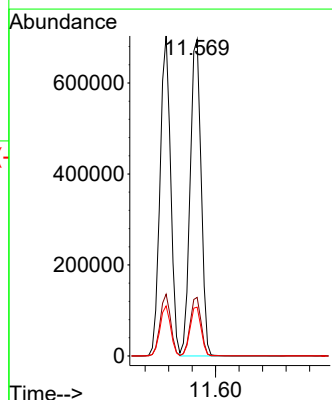
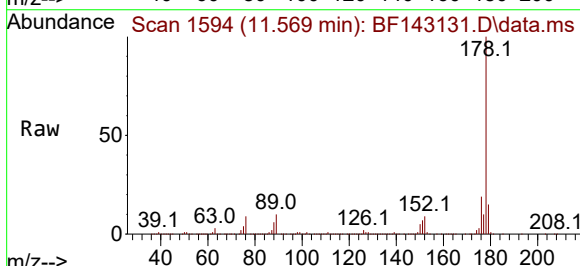
Tgt Ion:178 Resp: 901465

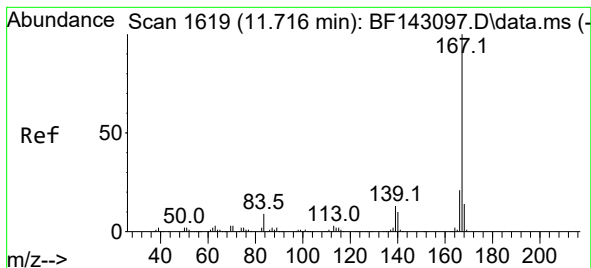
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.796 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

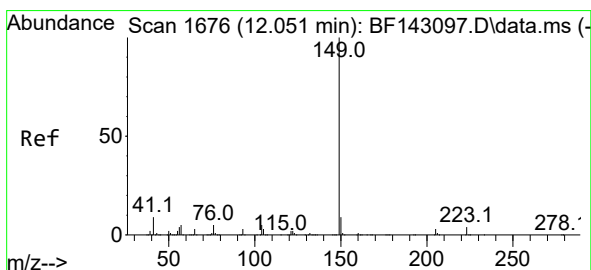
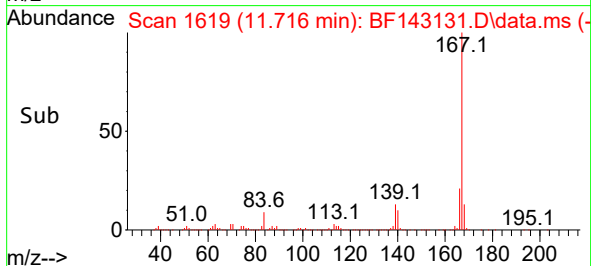
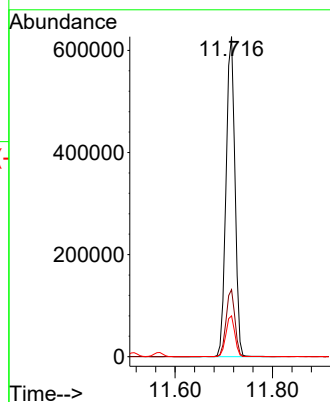
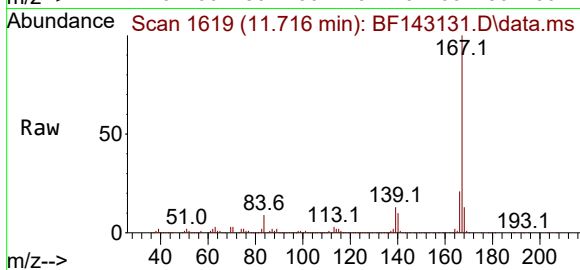
Tgt Ion:167 Resp: 801614

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 49.250 ng

RT: 12.051 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

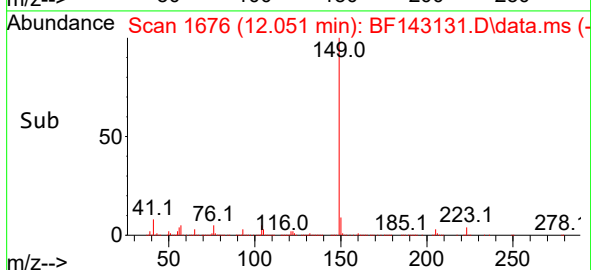
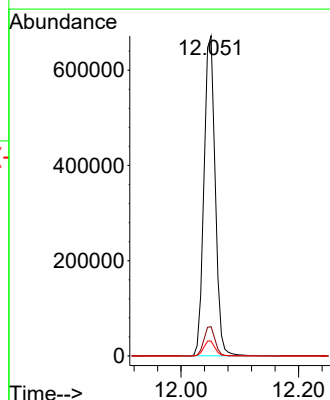
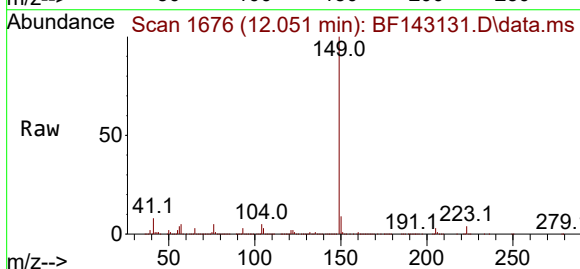
Tgt Ion:149 Resp: 888295

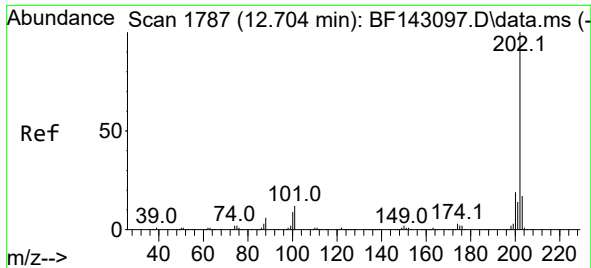
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.7 3.8 5.8

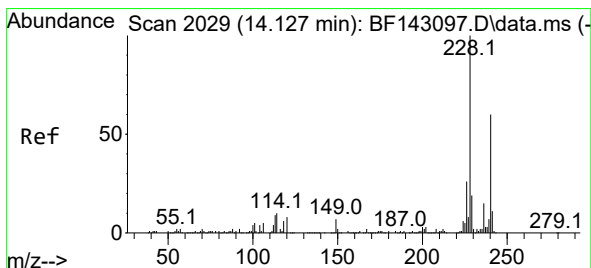
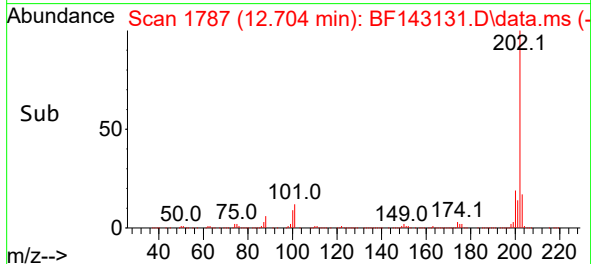
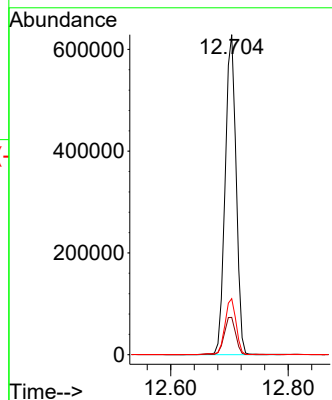
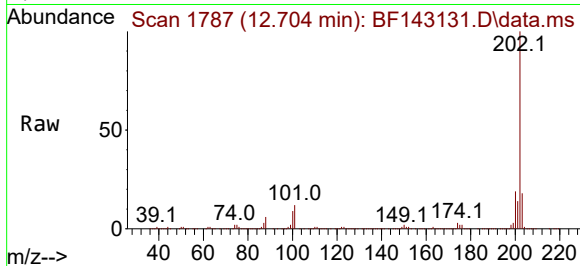




#75  
Fluoranthene  
Concen: 40.906 ng  
RT: 12.704 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

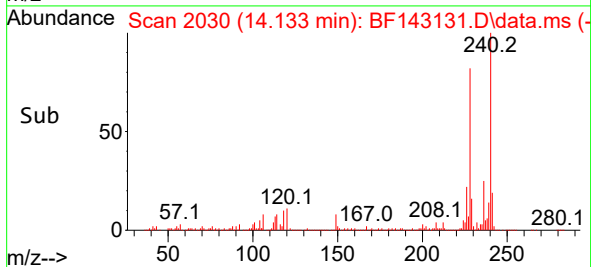
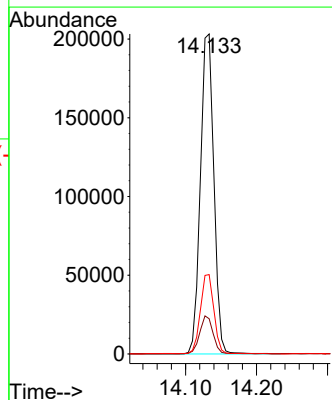
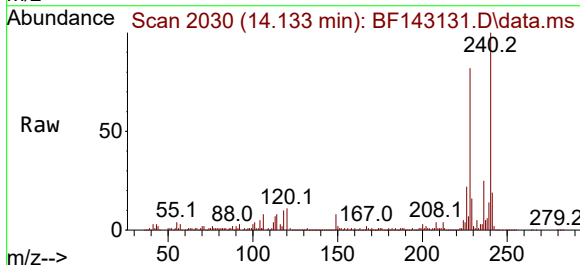
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

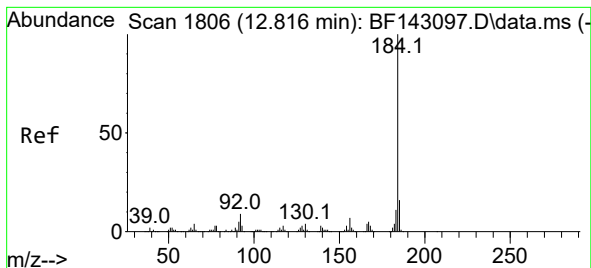
Tgt Ion:202 Resp: 811244  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 32.4  
203 17.5 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.133 min Scan# 2030  
Delta R.T. 0.006 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:240 Resp: 268901  
Ion Ratio Lower Upper  
240 100  
120 11.0 10.0 15.0  
236 24.8 20.0 30.0





#77

Benzidine

Concen: 21.746 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

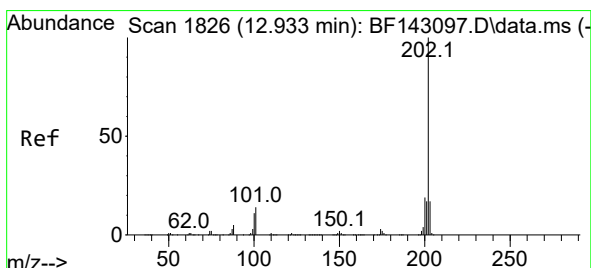
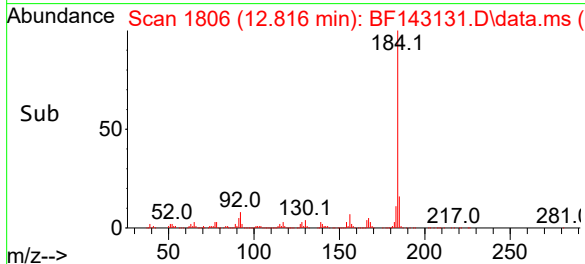
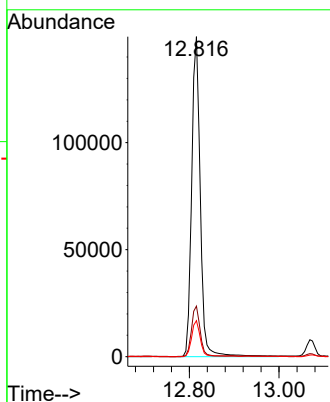
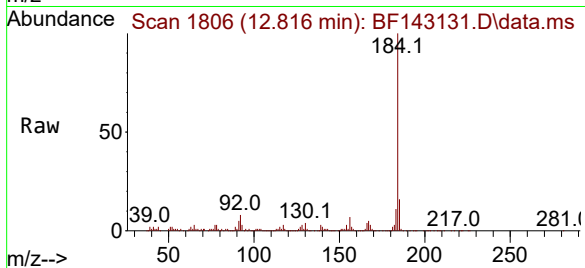
Tgt Ion:184 Resp: 199220

Ion Ratio Lower Upper

184 100

185 15.8 12.4 18.6

183 11.2 8.6 12.8



#78

Pyrene

Concen: 32.805 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

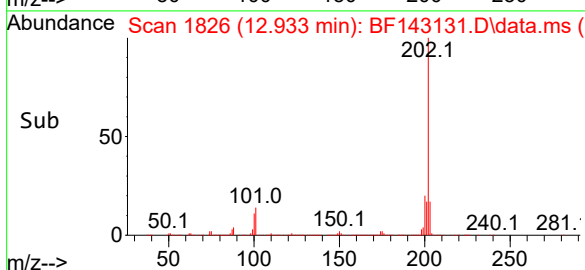
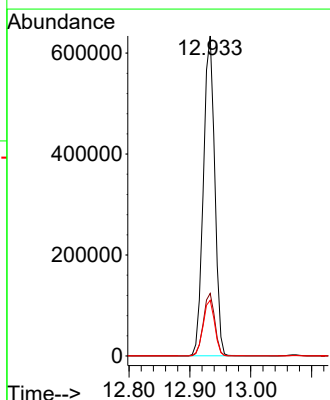
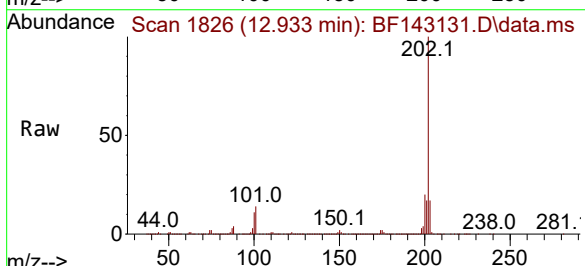
Tgt Ion:202 Resp: 818482

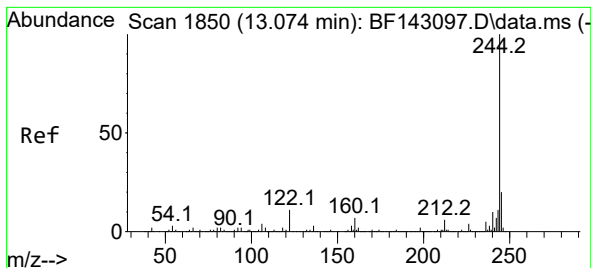
Ion Ratio Lower Upper

202 100

200 19.6 15.5 23.3

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 42.027 ng

RT: 13.069 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

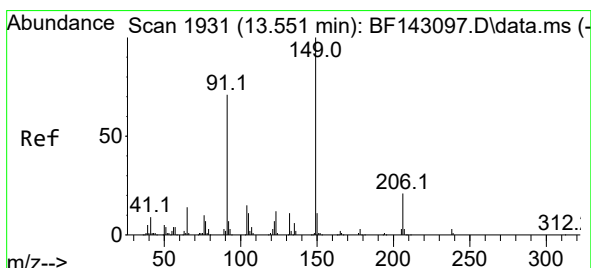
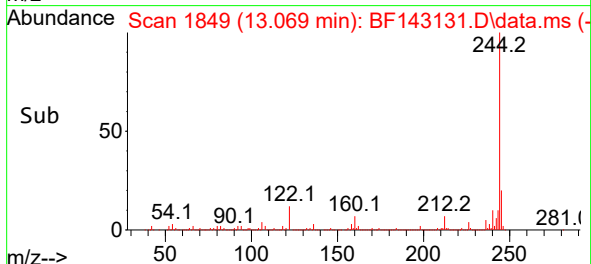
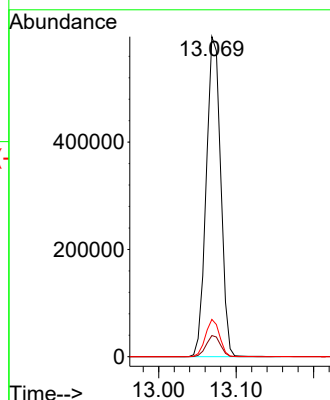
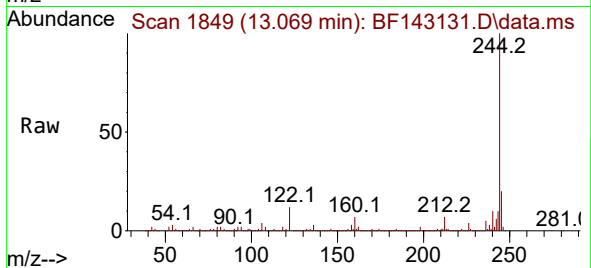
Tgt Ion:244 Resp: 773093

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 11.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 47.168 ng

RT: 13.545 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

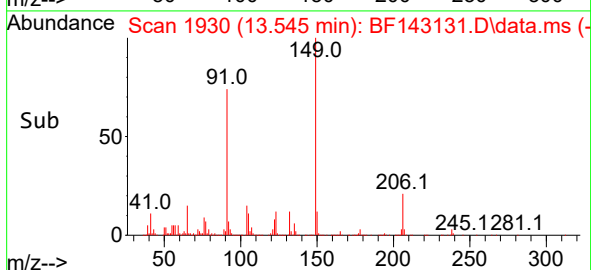
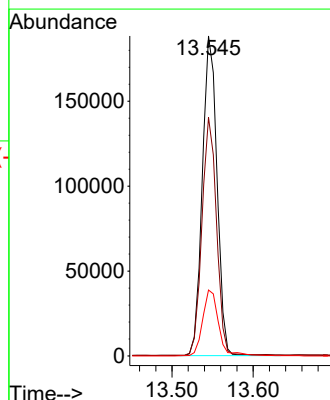
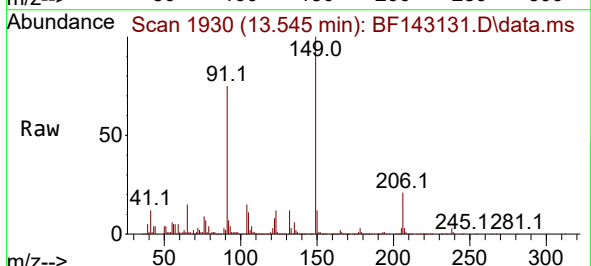
Tgt Ion:149 Resp: 236112

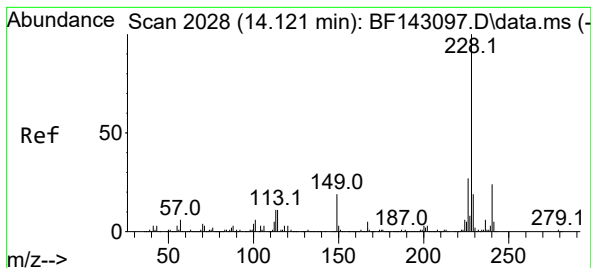
Ion Ratio Lower Upper

149 100

91 74.6 57.0 85.4

206 20.6 17.2 25.8





#81

Benzo(a)anthracene

Concen: 42.813 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

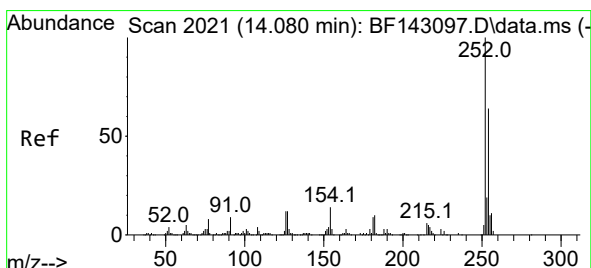
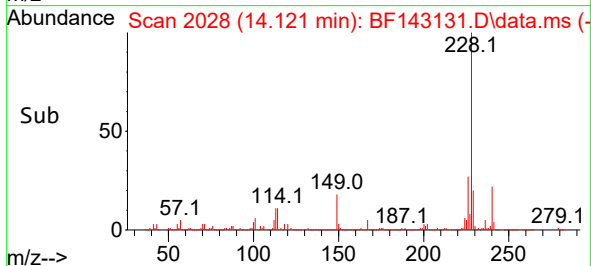
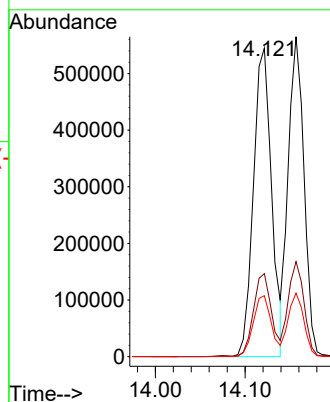
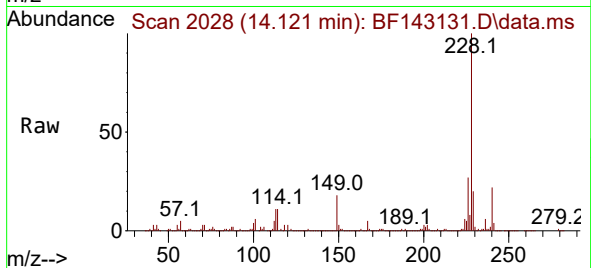
Tgt Ion:228 Resp: 767144

Ion Ratio Lower Upper

228 100

226 26.9 21.3 31.9

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 24.430 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

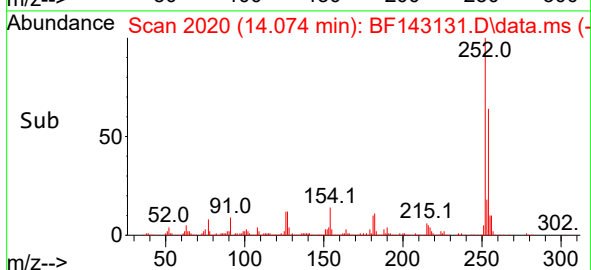
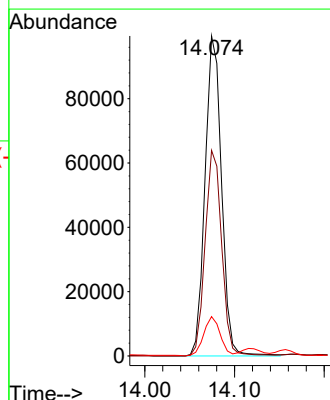
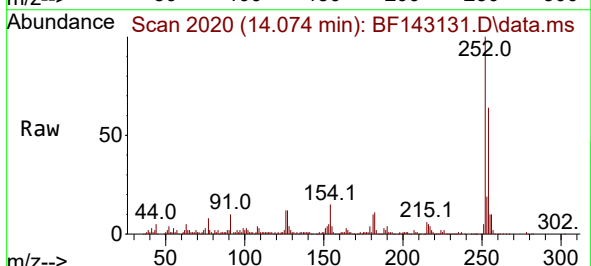
Tgt Ion:252 Resp: 127120

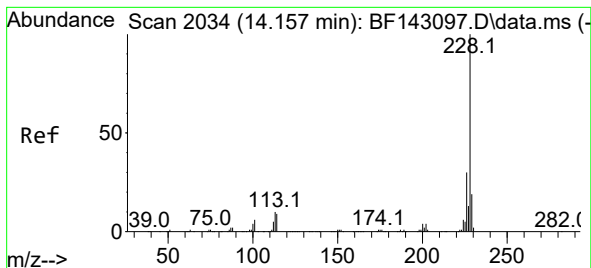
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 12.3 9.4 14.0





#83

Chrysene

Concen: 41.678 ng

RT: 14.157 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

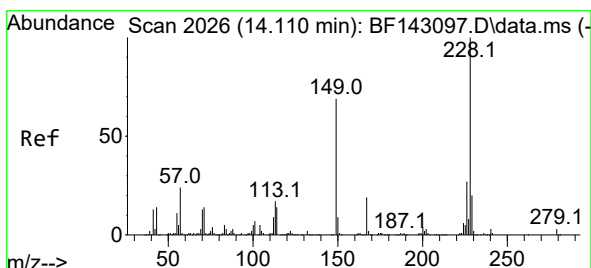
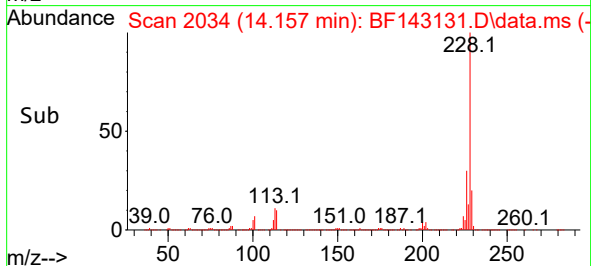
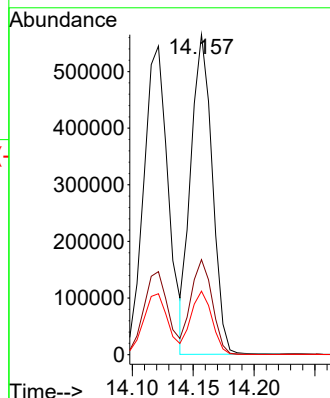
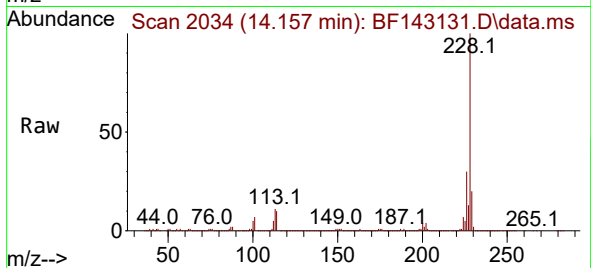
Tgt Ion:228 Resp: 687824

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.8 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.051 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

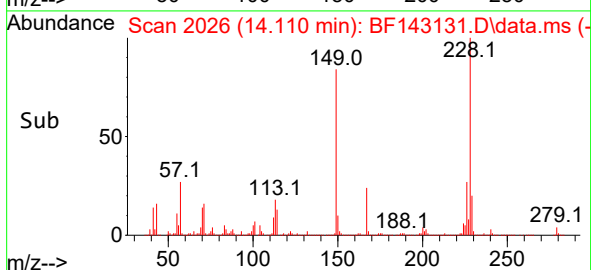
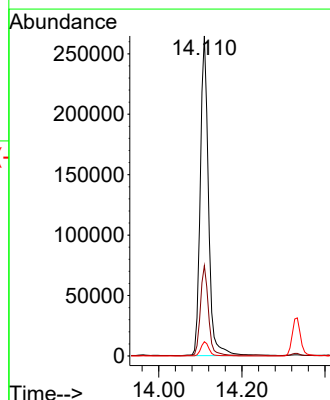
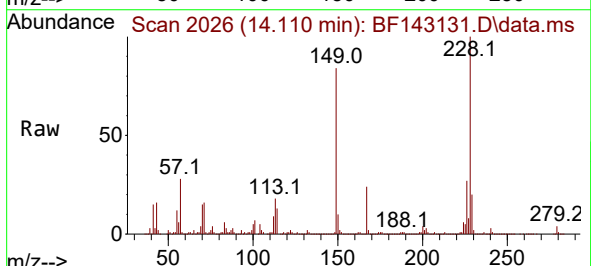
Tgt Ion:149 Resp: 363289

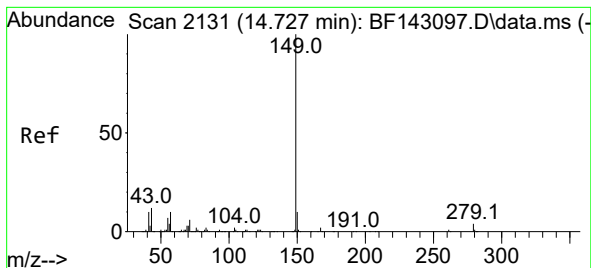
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.122 ng

RT: 14.727 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

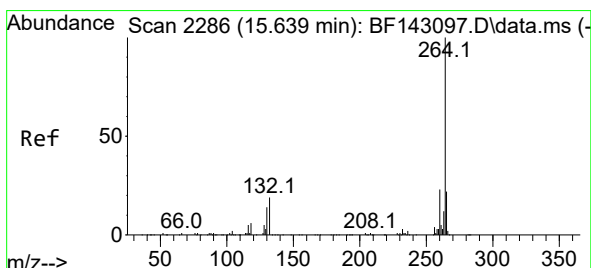
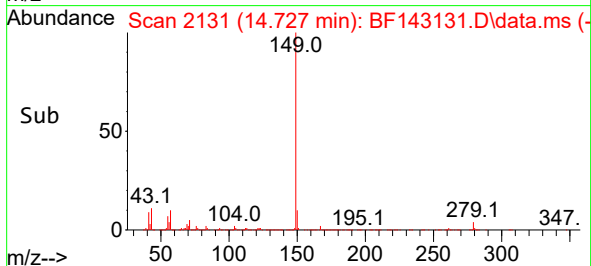
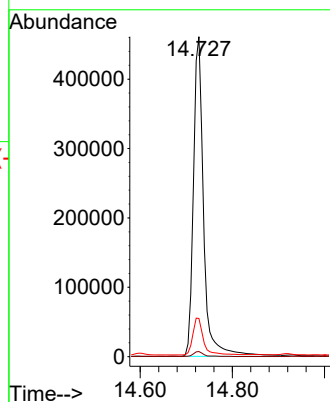
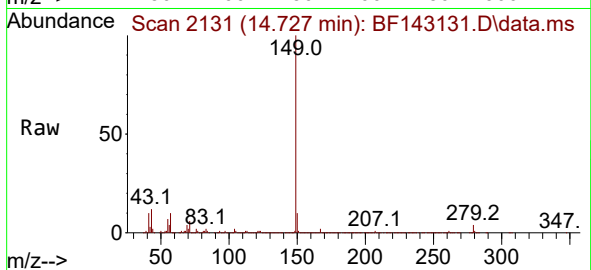
Tgt Ion:149 Resp: 705195

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

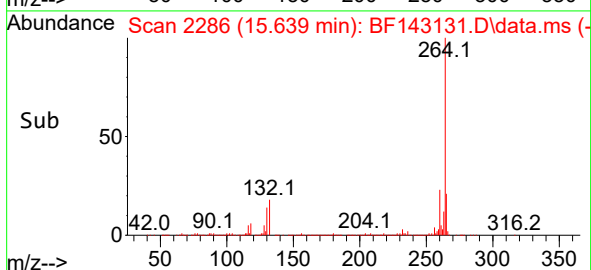
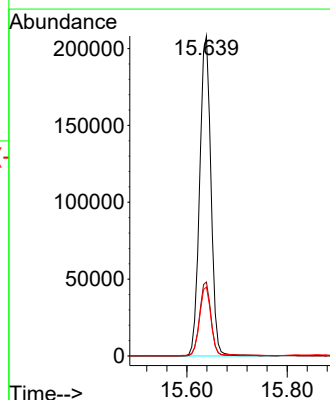
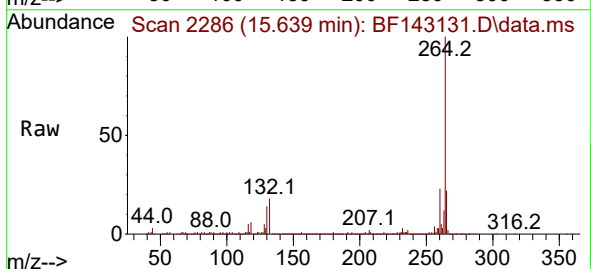
Tgt Ion:264 Resp: 324370

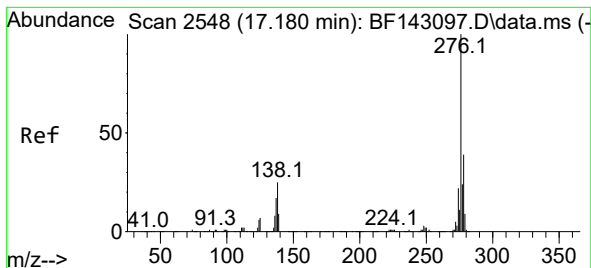
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.728 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

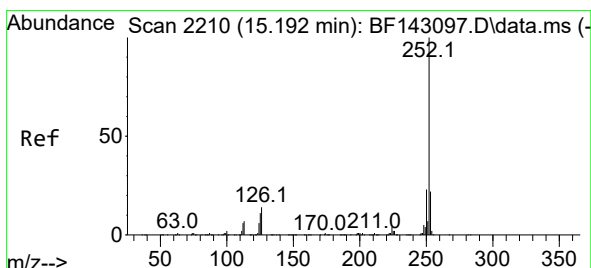
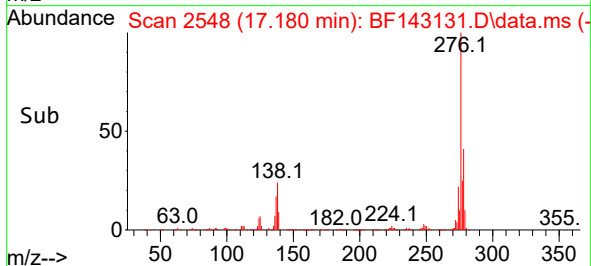
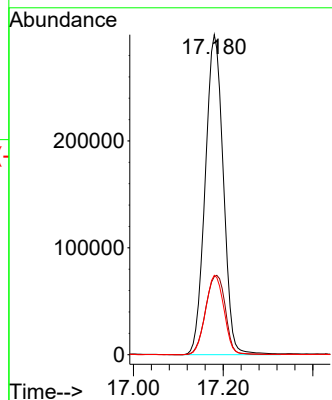
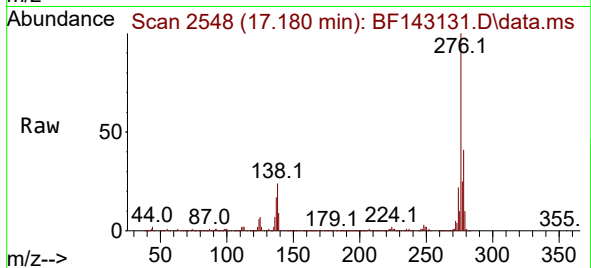
Tgt Ion:276 Resp: 837824

Ion Ratio Lower Upper

276 100

138 27.1 22.6 34.0

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.198 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

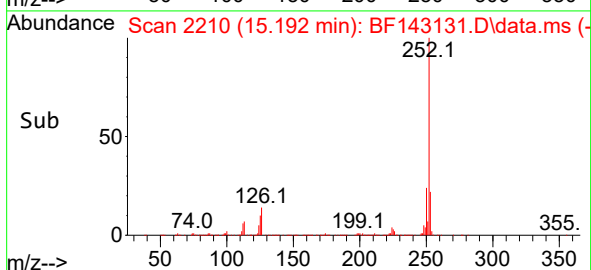
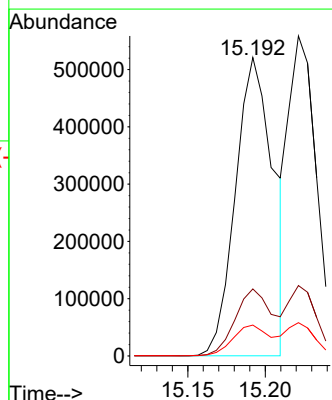
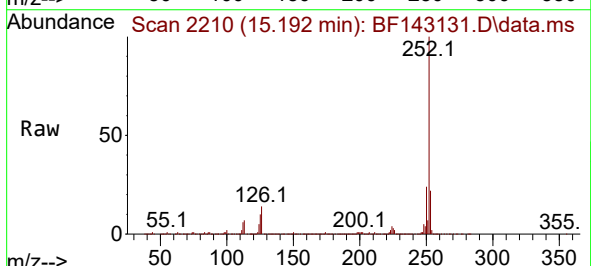
Tgt Ion:252 Resp: 883083

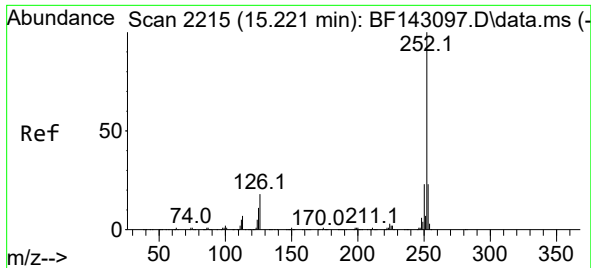
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.3 8.6 13.0

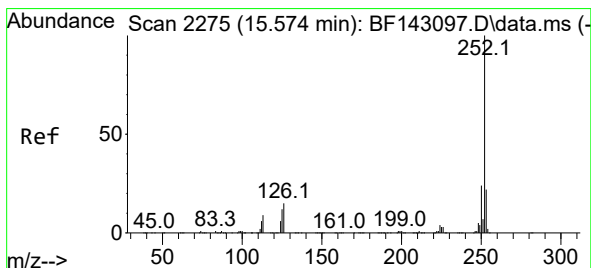
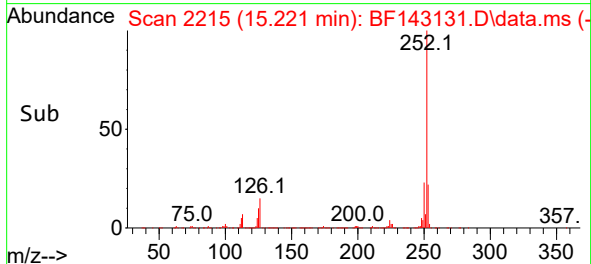
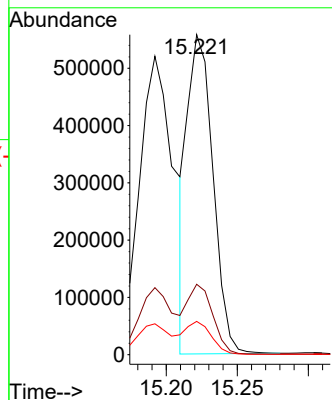
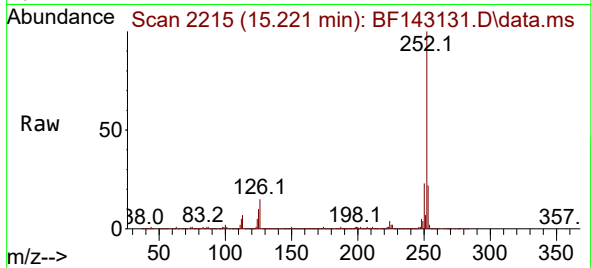




#89  
Benzo(k)fluoranthene  
Concen: 39.064 ng  
RT: 15.221 min Scan# 2215  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

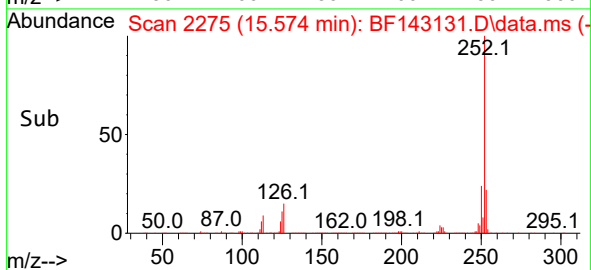
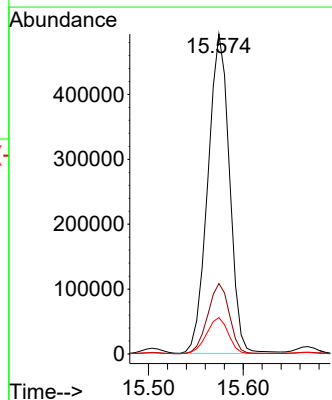
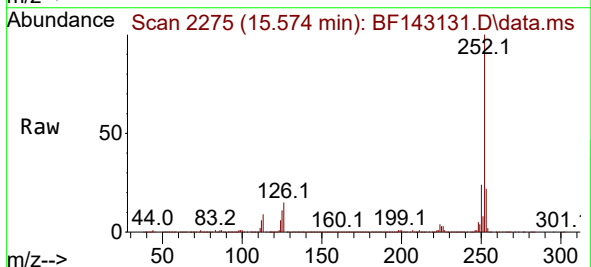
Instrument :  
BNA\_F  
ClientSampleId :  
TP-17MS

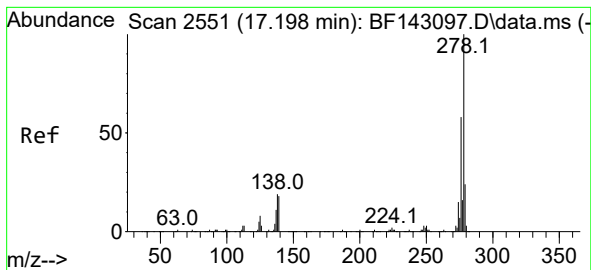
Tgt Ion:252 Resp: 697281  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 10.4 8.5 12.7



#90  
Benzo(a)pyrene  
Concen: 44.118 ng  
RT: 15.574 min Scan# 2275  
Delta R.T. 0.000 min  
Lab File: BF143131.D  
Acq: 17 Jul 2025 02:34

Tgt Ion:252 Resp: 780700  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 11.3 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 34.307 ng

RT: 17.198 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA\_F

ClientSampleId :

TP-17MS

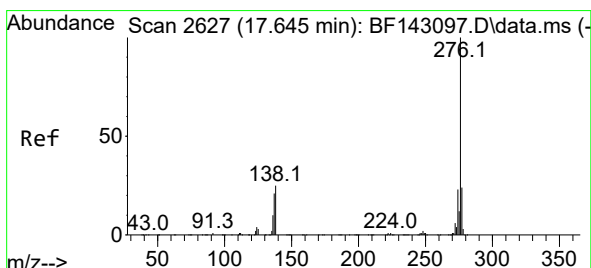
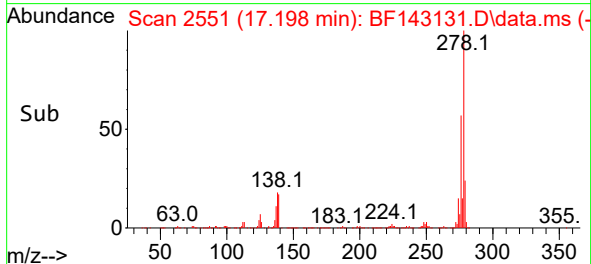
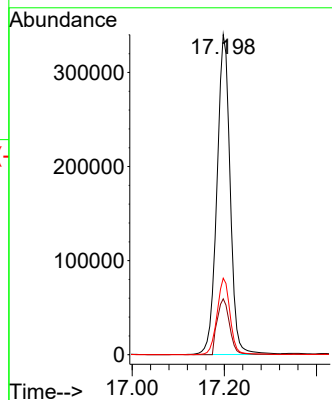
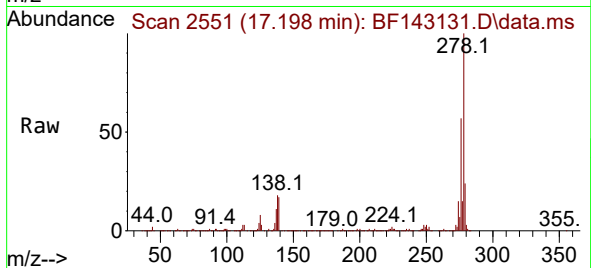
Tgt Ion:278 Resp: 676587

Ion Ratio Lower Upper

278 100

139 17.4 14.6 22.0

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 32.139 ng

RT: 17.645 min Scan# 2627

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Tgt Ion:276 Resp: 646206

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 23.9 19.8 29.6

